

AD-A113 155 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MCCONNELL AFB, WICHITA, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
DEC 81
UNCLASSIFIED USAFETAC/DS-82/002 SBI-AD-E850 136 NL

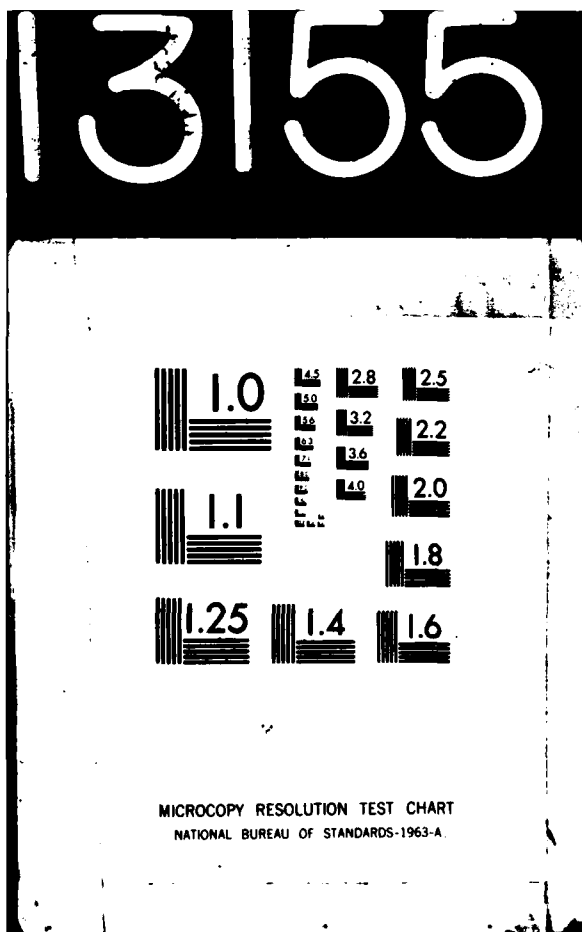
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NL

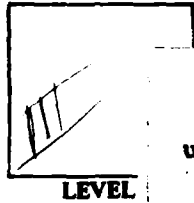
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USAFETAC
Air Weather Service (MAC)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MCCONNELL AFB KS
N 37 37 W 097 16

FLD ELEV 1371 FT IAB

WBAN #03923
WMO #

PARTS A-F

FOR FROM HOURLY OBS: JUN 69 - DEC 70, JAN 73 - MAY 81

FOR FROM DAILY OBS: DEC 53 - MAY 71

TIME CONVERSION GMT TO LST: -6

DEC 14 1981

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Wayne E. McCollom
WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 82/002	2. GOVT ACCESSION NO. AD-A113 155	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- McConnell AFB, Wichita, Kansas		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for McConnell AFB, Wichita, Kansas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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UNCLASSIFIED

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Kansas

* McConnell AFB, Kansas

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Following each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Observations are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations with similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
03923	McCONNELL AFB KANSAS	N 37 37	W 097 16	1371	IAB	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	M. BARO.	
1	McConnell AFB, Wichita Kansas	AFB	Nov 53	Mar 55	N 37 37	W 097 16	1362	1384	24
2	Same	Same	Apr 55	Mar 58	Same	Same	1374	1388	24
3	Same	Same	Apr 58	Mar 59	Same	Same	1371	Same	24
4	Same	Same	Apr 59	Sep 61	Same	Same	Same	1352	24
5	Same	Same	Oct 61	Mar 64	Same	Same	Same	1355	24
6	Same	Same	Apr 64	Mar 69	Same	Same	Same	1381	24
7	Same	Same	Apr 69	Dec 73	Same	Same	Same	1357	24
8	Same	Same	Jan 74	Dec 78	Same	Same	Same	Same	24
9	Same	Same	Jan 79	Sep 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 53	Located on roof of HQ bldg.	AN/GMQ-1	None	70 ft	
2	5 Apr 55	Located on top of base operations bldg.	Same	None	70 ft	
3	3 Apr 59	Located 100 ft N of wx stn on top of parachute tower.	Same	None	50 ft	
4	9 Aug 60	Located 5700 ft S of wx stn, 3200 ft N of approach end of runway 36R, 1100 ft E of centerline of runway 36R	AN/GMQ-11	RO-2	13 ft	
5	3 Apr 64	Dual instrumented 1. Located approach end of runway 36 2. Located approach end of runway	AN/GMQ-11	RO-2	13 ft	
			Same		16 ft	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

01423 MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		2.9	3.3	8.1		13.0	13.3	.9	1.9		15.5	930
	03-05	.2	2.0	3.0	9.7		13.7	16.1	1.4	2.6	.1	18.9	930
	06-08		2.6	3.1	8.8		13.9	17.3	1.6	2.6		20.5	930
	09-11		3.1	2.4	10.1		14.9	18.9	3.6	2.8		22.5	930
	12-14		2.0	1.3	10.5		13.5	13.0	2.7	2.5		17.2	930
	15-17		2.3	.9	8.9		11.6	11.8	2.5	2.3		16.0	930
	18-20		2.8	2.0	7.2		11.3	11.8	3.3	1.5		15.4	930
	21-23		3.3	3.2	7.2		12.2	13.3	2.0	1.4		15.3	930
TOTALS		.0	2.6	2.4	8.8		13.0	14.4	2.3	2.2	.0	17.6	7440

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

07423

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	4.0	.5	4.6		8.9	16.2	2.1	1.8		19.3	846
	03-05	.2	4.1	1.4	5.8		10.5	19.3	1.9	.9	.1	20.7	846
	06-08	.2	4.4	2.0	7.4		12.6	23.6	1.8	1.7		24.9	846
	09-11		4.3	1.5	7.2		12.4	21.9	4.0	1.9		24.6	846
	12-14		3.0	.6	5.9		8.6	15.6	3.9	2.5	.1	19.3	846
	15-17		3.7	.5	6.0		9.7	13.5	4.7	2.6	.6	18.2	846
	18-20	.2	3.4	1.2	6.6		10.9	14.1	4.7	2.6	.2	18.3	846
	21-23	.4	3.5	.5	5.9		9.6	15.2	2.7	2.5		19.1	846
TOTALS		.1	3.8	1.0	6.2		10.4	17.4	3.2	2.1	.1	20.6	6768

MILITARY CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

0-423 MCCONNELL AFB KS

70,73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
4-10	0-23	1.3	10.4	.2	2.7		13.0	13.0	1.4	.3	.1	14.5	930
	03-05	1.1	10.9	.4	3.2		13.9	16.8	1.6	.3		18.0	930
	06-08	.9	11.4	.6	3.3		14.6	23.7	3.3	.3		25.5	930
	09-11	.9	9.9	.8	3.5		13.8	19.2	5.5	.1		23.1	930
	12-14	.8	9.5		2.8	.1	12.0	13.1	3.4			15.7	930
	15-17	1.3	9.1		2.6		11.7	11.5	3.0		.5	14.4	930
	18-20	1.3	8.1	.1	2.9		13.9	10.3	3.0		.8	13.8	930
	21-23	1.0	8.7	.3	1.9		10.8	9.8	2.3		.1	12.0	930
TOTALS		1.1	9.8	.3	2.9	.0	12.6	14.7	2.9	.1	.2	17.1	7440

AL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

0101 MCCONNELL AFB KS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1P	00-02	3.6	7.8	.2	1.2		9.1	7.7	.8		.3	5.4	900
	03-05	3.3	9.0	.3	.9		9.4	9.9	.8			10.3	900
	06-08	1.6	7.8	.2	.8		8.8	16.2	3.0			17.4	900
	09-11	1.0	6.9		.9		7.8	9.7	2.4		.2	11.2	900
	12-14	1.4	6.1		1.0		7.0	6.1	3.1	.1	.1	9.1	900
	15-17	1.9	5.7		1.0	.2	6.7	3.9	2.9		.7	7.2	900
	18-20	3.6	8.0		1.1		9.0	6.1	1.8		1.0	8.6	900
	21-23	2.4	8.0	.1	1.1		8.9	5.2	1.3		.9	7.1	900
TOTALS		2.4	7.4	.1	1.0	.0	8.3	8.1	2.0	.0	.4	9.9	7200

JOINT CLIMATOLOGY BRANCH
SACLTAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

00020

MC CONNELL AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01-02	00-02	6.8	11.6				11.6	5.6	.3			5.9	930
	03-05	4.9	3.7				3.7	11.0	1.8			11.6	930
	06-08	1.9	6.6			.1	6.6	16.6	4.6			18.7	930
	09-11	1.2	5.1				5.1	6.7	4.0			9.7	930
	12-14	1.0	5.4				5.4	3.2	3.4			6.1	930
	15-17	2.4	5.6				5.6	2.5	3.1			5.3	930
	18-20	4.3	7.9			.2	7.9	2.4	1.6			3.8	927
	21-23	4.9	7.6			.2	7.6	2.4	.5			2.9	927
TOTALS		3.4	7.3			.1	7.3	6.3	2.4			8.0	7434

METEOROLOGICAL BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

0-10-5(OL A) 69-70, 73-80 JUN
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	6.2	7.2				7.2	2.6	.1			2.9	900
	03-05	6.0	7.8				7.8	6.0	1.1			6.7	900
	06-08	3.6	6.0				6.0	8.8	3.1			10.6	900
	09-11	3.0	5.9				5.9	3.9	2.7			5.8	900
	12-14	2.6	4.2				4.2	1.2	1.9			3.1	900
	15-17	2.4	3.6			.1	3.6	.8	.7			1.4	900
	18-20	5.8	5.4				5.4	.9	.2			1.1	900
	21-23	6.3	5.1				5.1	1.1			.1	1.2	900
TOTALS		4.5	5.7			.0	5.7	3.2	1.2		.0	4.1	7200

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

01423

MC CONNELL AFB KS

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.0	3.1				3.1	1.7	1.5			3.0	930
	03-05	3.9	4.8				4.8	4.2	1.7			5.4	930
	06-08	2.9	4.4				4.4	5.5	3.3			8.6	930
	09-11	1.3	3.3				3.3	2.0	3.8			5.6	930
	12-14	.8	2.0				2.0	.4	2.9			3.2	930
	15-17	2.8	3.1				3.1		3.2			3.2	930
	18-20	3.9	3.2				3.2	.4	2.8		.1	3.2	930
	21-23	3.5	3.4				3.4	.6	1.9			2.7	930
TOTALS		2.8	3.4				3.4	1.9	2.6		.0	4.4	7440

WEATHER CONDITIONS

AUG

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1-2	00-02	3.9	4.5				4.5	2.6	1.6			3.9	930
	03-05	4.2	5.9				5.9	6.2	2.6			2.6	930
	06-08	3.4	6.2				6.2	11.3	8.0			16.9	930
	09-11	1.8	5.2				5.2	4.3	4.2			7.6	930
	12-14	1.3	2.7				2.7	2.4	1.8			4.2	930
	15-17	3.3	3.7				3.7	1.0	1.5			2.5	930
	18-20	2.7	4.1				4.1	1.1	1.7			2.5	930
	21-23	3.4	4.0				4.0	1.3	1.9			2.6	930
TOTALS		3.0	4.5				4.5	3.8	2.9			6.0	7440

CLIMATE BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION MCCONNELL AFB KS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-23	3.2	6.7				6.7	8.6	1.4		.3	9.3	900
	03-25	3.0	7.4				7.4	12.4	1.7		.1	13.2	900
	06-28	2.3	3.6				8.6	20.2	5.7			22.1	900
	09-11	2.3	10.2				10.2	11.4	5.4			15.3	900
	12-14	1.0	6.3				6.3	5.0	4.8			8.7	900
	15-17	2.1	6.0				6.0	4.2	3.1			7.1	900
	18-20	2.2	5.8				5.8	3.7	2.7			6.3	900
	21-23	3.0	5.0				5.0	5.6	1.9			6.9	900
TOTALS		2.4	7.0				7.0	8.9	3.3		.1	11.1	7200

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

STN 23 MCCONNELL AFB KS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.6	5.1		.3		5.3	7.3	.3			7.4	930
	03-05	1.4	6.2		.5		6.7	9.4	.6		.1	9.5	930
	06-08	.5	7.6		.3		8.0	12.4	1.1		.2	13.0	930
	09-11	.4	5.9		.1		5.9	8.3	1.5			9.0	930
	12-14	.4	4.6				4.6	4.2	1.5		.1	5.4	930
	15-17	.6	5.9				5.8	2.9	1.3		.1	4.3	930
	18-20	1.5	5.8				5.8	2.9	1.4		.1	4.1	930
	21-23	2.3	6.5				6.5	4.5	.1			4.6	930
TOTALS		1.1	5.9		.2		6.1	6.5	1.0		.1	7.2	7440

USAF CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

0020 MCCONNELL AFB KS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.4	5.9	.6	1.9		8.0	12.2	1.3			12.7	900
	03-05	.3	5.6	.6	2.1		7.9	13.9	.9	.3		14.2	900
	06-08	.4	7.2	.3	2.1		9.4	19.1	1.8	.2		20.1	900
	09-11	.3	7.6		1.3		8.9	16.1	4.2			17.7	900
	12-14	.3	6.8		.9	.1	7.4	10.6	3.4			11.9	900
	15-17	.2	7.7		.9		8.6	9.0	3.0			10.2	900
	18-20	.2	6.1	.2	1.2		7.4	8.7	2.3			9.7	900
	21-23	.6	6.0	.1	1.3		7.4	8.7	1.4			8.9	900
TOTALS		.3	6.6	.2	1.5	.0	8.1	12.3	2.3	.1		13.2	7200

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

WEATHER CONDITIONS

07425

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-22	.1	4.6	.6	2.8		7.4	11.7	1.5	.3		12.7	930
	23-05		5.1	1.5	3.3		9.0	13.5	1.1	.2		14.1	930
	06-08		4.7	1.5	4.5		10.1	16.6	1.4	.8		17.8	930
	09-11		4.4	1.1	4.3		9.1	15.3	2.6	.9		17.3	930
	12-14		3.7	.6	3.9		7.7	11.6	2.9	.9	.3	14.2	930
	15-17	.1	4.3	1.1	3.8		8.5	10.5	3.3	1.2	.2	13.9	930
	18-20	.5	5.9	1.2	3.5		9.9	10.2	2.6	.6		12.3	927
	21-23	.1	5.0	1.0	3.9		9.2	10.7	1.4	.5		12.2	927
TOTALS		.1	4.7	1.1	3.8		8.9	12.5	2.1	.7	.1	14.4	7434

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DISTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

0723

MC CONNELL AFB KS

69-70, 73-81

ALL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	2.6	2.4	8.8		13.0	14.4	2.3	2.2	.0	17.0	7440
FEB		.1	3.8	1.0	6.2		10.4	17.4	3.2	2.1	.1	20.6	6768
MAR		1.1	9.8	.3	2.9	.0	12.6	14.7	2.9	.1	.2	17.1	7440
APR		2.4	7.4	.1	1.0	.0	8.3	8.1	2.0	.0	.4	9.9	7200
MAY		3.4	7.3			.1	7.3	6.3	2.4			8.0	7434
JUN		4.5	5.7			.0	5.7	3.2	1.2		.0	4.1	7200
JUL		2.8	3.4				3.4	1.9	2.6		.0	4.4	7440
AUG		3.0	4.5				4.5	3.8	2.9			6.0	7440
SEP		2.4	7.0				7.0	8.9	3.3		.1	11.1	7200
OCT		1.1	5.9		.2		6.1	6.5	1.0		.1	7.2	7440
NOV		.3	6.6	.2	1.5	.0	8.1	12.3	2.3	.1		13.2	7200
DEC		.1	4.7	1.1	3.8		8.9	12.5	2.1	.7	.1	14.4	7434
TOTALS		1.8	5.7	.4	2.0	.0	7.9	9.2	2.4	.4	.1	11.1	87636

WEATHER CONDITIONS

MONTH

[illegible]

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

141. CLIMATOLOGY STATION
 142. STAC
 143. AIRCRAFT SERVICE/MAIL

WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

STATION 2 CONNELL AFB TX 53-61 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.7	22.2	10.7	26.2	.1	37.4	32.7	10.4	7.0	.1	77.4	864
FEB		0.3	24.9	7.8	21.4	.8	37.3	78.1	12.5	5.3	.1	41.3	791
MAR		5.8	32.0	3.5	13.5	1.5	38.6	31.2	11.2	1.5	.5	35.0	869
APR		18.0	37.7	.4	2.9	2.9	38.7	26.4	8.7	.4	.2	29.4	847
MAY		29.8	40.8			3.5	40.0	26.8	8.6			29.1	869
JUN		30.9	42.8			2.0	42.8	16.5	7.0		.1	19.5	810
JUL		20.6	35.0			.7	35.0	14.7	5.9			15.5	837
AUG		22.3	34.0			.2	34.0	16.5	12.2			20.5	834
SEP		20.4	35.4			.4	36.4	29.3	13.7			32.5	810
OCT		11.1	24.7		.8	.2	29.7	22.5	6.2			23.5	837
NOV		5.3	24.1	1.1	8.3	.1	27.8	29.0	10.1	.2	.1	31.0	810
DEC		1.5	25.8	6.6	17.6		32.9	33.1	9.9	2.5		30.4	855
TOTALS		14.7	32.7	2.5	7.6	1.0	36.5	26.4	9.5	1.4	.1	29.3	17043

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH
AFETAC
ATTN: WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION 53-81 MCCONNELL AFB KS STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	62.3	19.7	2.0	6.1	3.5	3.2	1.0	1.3	.3					13.0	868	.90	3.12	.09
FEB	62.4	20.5	1.8	5.6	2.2	2.8	2.5	1.6	.6					17.1	790	.99	2.76	TRACE
MAR	60.7	17.3	1.4	4.8	2.3	3.9	4.6	3.3	1.6					22.0	868	2.29	10.57	TRACE
APR	61.0	14.0	2.4	4.3	3.6	4.4	3.1	4.0	3.0	.2				25.0	840	3.11	7.20	.44
MAY	61.2	16.1	3.0	5.5	3.2	6.3	5.8	4.7	3.9	.2				32.7	868	4.30	9.02	.45
JUN	57.3	13.7	2.5	3.7	3.0	5.1	5.4	5.6	3.6	.1	.1			29.0	810	4.03	10.07	.60
JUL	64.4	11.0	1.7	3.7	2.4	4.7	3.3	5.0	3.1	.7				24.6	837	4.01	9.10	TRACE
AUG	65.8	10.6	2.2	3.9	2.2	4.2	5.0	3.3	2.3	.4	.1			23.5	837	3.27	10.46	.42
SEP	63.9	11.1	2.5	3.7	2.8	4.1	4.3	4.1	3.6	.4				25.4	810	3.68	9.27	.16
OCT	70.1	9.0	2.4	4.3	2.0	3.0	2.2	3.2	2.6	.5				20.2	837	2.89	9.70	TRACE
NOV	72.0	10.9	1.5	5.3	1.6	2.7	2.3	2.3	1.1	.2				17.2	810	1.71	7.79	.00
DEC	67.1	14.5	2.2	5.5	2.5	3.9	2.4	1.3	.6					18.4	868	1.11	2.55	.04
ANNUAL	63.1	14.1	2.1	4.7	2.6	4.0	3.5	3.3	2.2	.2	.0			22.8	10043	32.28		

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION 23 MCCONNELL AFB KS

53-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
53												.65	
54	.12	1.24	1.10	1.20	1.60	.16	.05	.64	1.33	.94	.00	.10	1.60
55	.56	1.42	.35	.32	2.18	1.49	1.50	.54	1.84	4.41	.03	.03	4.41
56	.15	.29	1.07	.66	.63	.65	.61	.32	.12	1.13	.59	.21	1.13
57	.16	.67	1.06	1.11	2.30	1.67	1.34	.42	2.27	.55	.66	.40	2.30
58	.54	.46	1.21	.81	1.92	.81	2.33	1.35	2.07	TRACE	.81	.36	2.33
59	.42	.66	.49	.95	1.68	.67	4.34	2.61	1.02	2.85	.07	.74	4.34
60	.73	.79	.37	.23	1.45	.90	2.64	6.90	.87	2.79	.26	1.32	6.90
61	.09	1.08	.67	1.97	2.72	1.41	2.23	2.53	1.24	1.46	1.38	.56	2.72
62	.48	.27	.47	.36	.34	1.40	2.05	1.45	1.86	.46	1.19	.30	2.05
63	1.02	TRACE	.68	.14	2.12	1.68	.87	1.56	1.10	1.45	.61	.39	2.12
64	.45	.53	.70	1.72	2.63	1.36	.82	2.23	1.79	1.62	2.80	.50	2.80
65	.06*	.73	.66	1.46	1.98	5.06	2.51	1.00	2.52	.32	.02	1.04	5.06
66	.11	1.05	.05	.80	.17	.61	1.00	.78	.30	.33	.15	.21	1.05
67	.37	.07	.82	1.24	.60	1.72	2.12	.44	1.19	1.35	.33	.35	2.12
68	.11	.07	.51	1.63	1.46	1.44	.61	.99	2.30	1.21	1.72	1.27	2.30
69	.07	.74	1.24	2.78	1.71	1.26	2.60	1.04	1.91	1.02	.03	.80	2.78
70	.15	.12	.99	2.00	.99	2.40	.64	.78	1.35	1.65	.03	.50	2.40
71	1.24	.82	TRACE	1.29	1.27	1.23	1.46	.80	1.21	2.31	1.18	.50	2.31
72	.12	.28	.27	1.11	.63	.59	1.44	1.13	.72	.75	1.26	.43	1.44
73	.86	.82	2.41	.85	.33	.70	1.45	1.13	2.78	2.30	.50	.55	2.78
74	.46	.37	1.27	2.03	1.05	1.39	.01	1.76	.61	1.55	2.11	.71	2.11
75	.93	.80	.88	1.22	2.14	1.94	TRACE	1.61	.65	.01	.76	.03	2.14
76	.10	.17	.35	1.92	1.00	1.77	2.88	.23	3.41	.64	.22	.11	3.41
77	.24	.13	1.82	1.68	2.01	1.95	.83	2.47	.94	.60	1.18	.11	2.47
78	.35	1.55	1.38	3.25	1.82	1.92	2.48	.56	1.88	.15	.62	.29	3.25
79	.97	.41	1.67	1.29	1.43	3.30	1.44	.53	2.25	1.21	2.70	1.03	3.30
80	1.27	.92	1.58	.64	2.25	.61	.63	3.12	.63	.67	.60	2.16	3.12
81	.06	.21	.75	.84	2.06								
MEAN	.436	.590	.883	1.264	1.517	1.486	1.514	1.442	1.487	1.251	.808	.559	2.680
S.D.	.376	.432	.557	.736	.719	.976	1.030	1.343	.802	1.006	.791	.469	1.185
TOTAL OBS	668	790	868	840	868	810	837	837	810	837	810	868	10043

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

123 MCCONNELL AFB KS

53-81

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												1.31	
54	.12	1.24	1.43	2.10	3.76	.60	.08	2.33	1.72	1.74	.00	.21	15.33
55	.83	1.98	.84	.67	4.62	5.09	3.03	.82	3.25	6.35	.03	.04	27.55
56	.63	.50	1.44	1.11	2.26	1.26	2.50	.97	.16	2.28	.81	.69	14.63
57	.72	1.19	2.66	5.37	6.69	10.07	1.93	.82	5.18	1.92	2.02	.59	39.16
58	1.13	1.16	5.06	1.28	3.76	2.63	6.63	2.10	5.94	TRACE	1.24	.71	31.69
59	.57	.71	.94	2.07	6.17	2.33	9.10	4.97	3.58	9.70	.15	2.11	42.40
60	1.23	1.94	1.39	.59	4.22	3.53	9.01	10.46	2.34	7.15	.28	2.16	44.35
61	.09	1.98	2.95	3.49	6.48	3.32	7.75	5.62	4.94	4.93	3.50	1.11	46.16
62	1.37	.49	.59	.77	1.00	4.03	6.90	2.45	7.53	.98	1.81	.60	26.53
63	1.57	TRACE	1.78	.44	5.08	4.36	3.95	2.39	3.58	2.34	.88	.81	27.18
64	.54	.84	.89	3.93	5.19	2.68	1.52	6.08	3.54	2.22	7.79	1.04	36.26
65	.25*	2.10	.83	4.71	6.42	7.81	4.81	3.29	9.27	.37	.02	2.20	*42.08
66	.33	1.30	.05	2.13	.45	1.10	1.75	1.93	.63	.52	.15	.48	10.82
67	.61	.07	1.20	2.60	1.72	7.14	6.42	1.75	2.63	4.23	.47	.88	29.72
68	.28	.17	1.09	4.27	6.43	3.55	2.43	4.87	3.28	2.58	2.71	2.31	33.97
69	.26	1.34	2.25	6.05	5.09	5.06	6.85	2.07	4.63	3.06	.06	1.71	38.43
70	.32	.12	2.85	5.65	1.37	6.25	1.01	1.18	4.54	2.83	.07	.50	26.69
71	1.77	2.76	TRACE	3.48	2.99	2.96	6.33	1.97	2.26	6.62	2.72	1.49	35.37
72	.35	.46	.70	3.98	1.72	1.44	5.52	2.68	1.43	2.82	4.33	1.12	26.45
73	3.12	1.10	10.57	3.21	.99	1.10	3.18	1.73	9.25	4.05	.78	1.57	40.65
74	.78	.45	2.90	4.58	3.60	2.92	.02	6.06	1.18	5.23	3.90	2.22	33.84
75	2.05	1.85	1.75	1.77	7.47	6.22	TRACE	3.73	1.56	.01	1.98	.08	26.47
76	.13	.34	1.50	7.20	3.84	4.24	7.27	.42	5.06	1.33	.29	.17	31.79
77	.43	.23	3.44	4.78	9.02	4.25	3.23	9.29	3.36	1.28	2.42	.14	41.97
78	1.09	2.29	2.47	4.80	4.64	5.44	4.00	2.11	5.02	.15	3.18	.71	35.90
79	2.27	.49	5.27	3.56	3.44	7.44	2.33	1.31	2.56	1.90	3.81	1.44	35.82
80	2.11	1.34	4.42	1.37	4.36	1.84	.63	4.93	.96	1.51	.83	2.55	26.85
81	.11	.30	2.64	1.12	7.63								
MEAN	.899	.987	2.282	3.156	4.300	4.025	4.007	3.271	3.681	2.893	1.712	1.105	31.918
S.D.	.794	.761	2.127	1.873	2.237	2.355	2.817	2.528	2.376	2.437	1.850	.762	8.897
TOTAL OBS	668	790	868	840	868	810	837	837	910	837	310	868	10043

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

2

GLOBAL CLIMATOLOGY BRANCH
AFATAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 53-61 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	73.7	16.1	3.3	3.6	1.6	.7	.5	.2	.2					10.1	867	4.2	14.3	TRACE
FEB	75.9	13.1	2.2	2.3	1.7	.9	.5	.4	.3					9.1	786	4.4	15.6	TRACE
MAR	86.7	8.8	1.4	1.1	1.0	.5	.1	.2	.1	.1				4.5	841	3.0	16.3	.0
APR	97.1	2.0	.4	.1	.2		.1							.8	840	.3	4.3	.0
MAY	100.0														868	.0	.0	.0
JUN	100.0														810	.0	.0	.0
JUL	100.0														637	.0	.0	.0
AUG	100.0														637	.0	.0	.0
SEP	100.0														810	.0	.0	.0
OCT	99.3	.7		.1										.1	837	TRACE	.8	.0
NOV	92.2	4.3	1.2	.9	.5		.2	.1						3.0	808	1.0	7.5	.0
DEC	82.8	10.9	2.0	2.2	1.3	.3	.1	.3						6.3	862	2.5	7.8	TRACE
ANNUAL	82.9	4.7	.9	.9	.5	.2	.1	.1	.7	.0				2.7	10003	15.4		

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23 MCCONNELL AFB KS
STATION STATION NAME

53-51 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53												2.3	
54	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.3
55	1.3	1.8	1.5	.0	.0	.0	.0	.0	.0	.0	.3	.1	1.6
56	2.2	3.6	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	1.1	3.6
57	2.0	3.4	1.0	.8	.0	.0	.0	.0	.0	.3	.2	TRACE	3.4
58	5.0	3.9	5.7	.0	.0	.0	.0	.0	.0	.0	1.8	4.7	5.7
59	6.8	.3	.9	1.5	.0	.0	.0	.0	.0	.0	1.6	.7	6.8
60	1.9	4.0	2.8	TRACE	.0	.0	.0	.0	.0	TRACE	.3	1.9	4.0
61	.3	4.8	5.0	TRACE	.0	.0	.0	.0	.0	.0	.5	4.7	5.0
62	4.3	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.3
63	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.1
64	TRACE	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.7	4.7
65	1.8*	2.4*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4
66	2.0*	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE*TRACE		2.0
67	*TRACE	TRACE*	.0	.0	.0	.0	.0	.0	.0	TRACE*TRACE*	1.0		* 1.0
68	TRACE*	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.1	.3
69	TRACE	2.1	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	2.1
70	2.1	TRACE	15.0	.4	.0	.0	.0	.0	.0	TRACE	TRACE	2.9	15.0
71	.2	8.3	TRACE	.0	.0	.0	.0	.0	.0	.0	4.6	1.0	8.3
72	1.1	2.9	2.0	.0	.0	.0	.0	.0	.0	.0	3.6	1.0	3.6
73	3.0	TRACE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
74	.9	.3	1.6	TRACE	.0	.0	.0	.0	.0	.0	1.0	1.6	1.6
75	6.6	4.6	8.8	.4	.0	.0	.0	.0	.0	.0	3.6	.4	8.8
76	1.0	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	1.8	TRACE	1.8
77	.8	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.8
78	3.5	2.7	.7	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9	3.5
79	4.0	.8	.3	4.3	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	4.3
80	.3	9.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4	9.2
81	TRACE	2.1	.5	.0	.0								
MEAN	2.13	2.35	1.88	.34	.00	.00	.00	.00	.00	.03	.76	1.60	4.66
S.D.	1.974	2.516	3.438	.914	.000	.000	.000	.000	.000	.154	1.308	1.532	3.240
TOTAL OBS	867	786	841	840	868	810	837	837	810	837	608	862	10003

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OL A)
JUL 64

LIBERAL CLIMATOLOGY BRANCH
 AFATAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

0123 MCCONNELL AFB KS
 STATION STATION NAME

53-P1

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53												2.4	
54	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6
55	2.0	2.4	1.5	.0	.0	.0	.0	.0	.0	.0	.3	.1	6.3
56	6.5	3.8	5.7	TRACE	.0	.0	.0	.0	.0	.0	.0	2.6	20.6
57	7.1	3.4	1.4	.8	.0	.0	.0	.0	.0	.0	.2	TRACE	13.7
58	6.6	7.1	17.8	.0	.0	.0	.0	.0	.0	.0	1.8	7.6	41.3
59	7.9	.4	.9	1.5	.0	.0	.0	.0	.0	.0	2.1	.7	13.5
60	3.4	16.9	8.0	TRACE	.0	.0	.0	.0	.0	TRACE	.3	3.3	31.9
61	.4	9.2	7.3	TRACE	.0	.0	.0	.0	.0	.0	.7	5.9	23.9
62	12.3	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	2.0	14.7
63	5.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.6	12.9
64	TRACE	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.7	7.3
65	1.3*	2.4*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.4	* 8.6
66	4.2*	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE	* 4.7
67	*TRACE	TRACE*	.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE*	1.6	* 1.6
68	TRACE*	TRACE*	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.1	.4
69	TRACE	2.8	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8	7.0
70	3.1	TRACE	10.3	.6	.0	.0	.0	.0	.0	TRACE	TRACE	2.5	24.5
71	.2	18.6	TRACE	.0	.0	.0	.0	.0	.0	.0	4.8	1.9	25.5
72	2.4	4.4	2.0	.0	.0	.0	.0	.0	.0	.0	7.5	1.5	17.8
73	8.0	TRACE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.8	12.8
74	1.7	.5	2.9	TRACE	.0	.0	.0	.0	.0	.0	1.0	2.2	8.3
75	7.3	11.4	9.4	.4	.0	.0	.0	.0	.0	.0	4.4	.4	33.3
76	1.3	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	TRACE	5.0
77	2.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.3
78	10.7	9.9	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	7.6	29.0
79	14.3	.8	.5	4.3	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	19.9
80	.9	12.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4	14.1
81	TRACE	2.2	.5	.0	.0								
MEAN	4.21	4.43	2.98	.34	.00	.00	.00	.00	.00	.03	1.00	2.50	16.83
S.D.	4.085	5.556	5.208	.915	.000	.000	.000	.000	.000	.154	1.872	2.511	10.601
TOTAL OBS	867	786	841	840	868	810	837	837	810	837	308	862	13003

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

07923 MCCONNELL AFB KS 53-61
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	PRECIP	NONE	TRACE	01	02-03	04-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	66.4	8.9	7.6	3.9	3.2	7.6	2.2							24.8	868				
FEB	73.5	7.3	4.4	4.6	3.0	4.4	2.5	.3						19.2	791				
MAR	89.1	4.6	1.7	1.4	.6	1.7	.9							6.3	868				
APR	98.9	.3	.1	.1										.2	840				
MAY	100.0														668				
JUN	100.0														810				
JUL	100.0														837				
AUG	100.0														637				
SEP	100.0														810				
OCT	99.9		.1											.1	837				
NOV	97.3	.7	1.0	.4	.1	.5								2.0	810				
DEC	83.9	5.8	5.8	3.1	.7	.6								10.4	868				
ANNUAL	92.4	2.3	1.7	1.1	.6	1.2	.5	.0						5.2	10044				

CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

0123 MCCONNELL AFB KS

53-81

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53												2	
54	1	3	2	3	3	0	0	0	0	0	0	TRACE	1
55	2	3	2	3	0	0	0	0	0	0	0	TRACE	3
56	3	4	1	3	3	0	0	0	0	0	0	1	4
57	3	3	1	1	0	1	0	0	0	0	TRACE	TRACE	3
58	7	2	6	0	3	0	0	0	0	0	2	5	7
59	6	7	TRACE	3	0	0	0	0	0	0	2	TRACE	7
60	4	8	9	0	0	0	0	0	0	0	TRACE	2	9
61	1	6	5	TRACE	0	0	0	0	0	0	0	2	6
62	11	TRACE	3	0	0	0	0	0	0	0	0	2	11
63	5	TRACE	TRACE	0	0	0	0	0	0	0	0	6	6
64	0	2	0	0	0	0	0	0	0	0	0	5	5
65	1	2	0	0	0	0	0	0	0	0	0	1	2
66	2	1	0	0	0	0	0	0	0	0	0	3	3
67	3	0	1	0	0	1	0	0	0	0	0	1	3
68	0	1	2	0	0	0	0	0	0	0	0	1	2
69	1	4	4	0	0	0	0	0	0	0	0	2	4
70	3	0	10	0	0	0	0	0	0	0	0	1	13
71	1	14	1	0	0	0	0	0	0	0	4	2	14
72	2	4	TRACE	0	0	0	0	0	0	0	4	1	4
73	6	TRACE	0	TRACE	0	0	0	0	0	0	0	2	6
74	5	2	2	0	0	0	0	0	0	0	0	1	5
75	6	6	9	TRACE	0	0	0	0	0	0	4	TRACE	9
76	1	1	0	0	0	0	0	0	0	0	1	0	1
77	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
78	7	8	TRACE	0	0	0	0	0	0	0	0	3	8
79	9	8	TRACE	2	0	0	0	0	0	0	0	0	9
80	TRACE	11	1	0	0	0	0	0	0	0	0	1	11
81	TRACE	3	0	0	0	0	0	0	0	0	0	0	
MEAN	3.2	3.6	1.9	.1	.0	.0	.0	.0	.0	.0	.6	1.6	5.1
S.D.	2.961	3.686	3.076	.416	.000	.000	.000	.000	.000	.192	1.334	1.620	3.495
TOTAL OBS	868	791	868	840	868	810	837	837	810	837	810	868	1004

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

7-23 MCCONNELL AFB KS
STATION STATION NAME

60-81 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS				
60								SSE*24N	31NNW	32WNW	37N	35					
61	N 43W	56W	44NNW	41ENE	49S	44NNW	52N	*26N	39SSW	*40NNE	*38NW	*45	W 56				
62	NNW*49N	*34VNE	39NW	36SSW	41N	47NNW	44NNW	*42ESE	*32N	*33N	33N	34	NNW*49				
63	VNE*42N	*34VNW	*40S	*38SSW	*43S	42N	*42NW	*45N	*38N	*35N	*43NW	*45	NW*48				
64	NNW*45S	*42S	39SSW	52SE	42S	43E	34N	46NNE	38N	35N	40N	40	SSW 52				
65	N 45N	43NW	44SE	39S	66NNE	48W	*40S	*29SW	*46ESE	37S	*35SSW	*40	S 66				
66	S 39SSE	39NW	48S	42NW	41NNW	38S	*38E	38NNE	*37NW	45NNW	42N	36	NW 48				
67	SSW 40N	48SSE	47S	*44NNE	*38S	*48NE	*31ESE	39SE	32N	45S	23N	*39	N 48				
68	S *33N	40S	44S	48SSE	41W	5320/	4023/	5130/	4118/	4036/	4023/	44	W 53				
69	35/	4934/	37	3/	4525/	4633/	5819/	5419/	3517/	3020/	3219/	4018/	4532/	40	33/ 58		
70	2/	3336/	4815/	3428/	4218/	3734/	5128/	40	1/	36	9/	72	2/	4436/	4336/	42	9/ 72
71	34/	43	2/	4630/	64	2/	5223/	4820/	5233/	4931/	3618/	4717/	4720/	5236/	45	30/ 64	
72	19/	4719/	5333/	5430/	5121/	4427/	5532/	5523/	3519/	3717/	3535/	3819/	37			27/ 55	
73	35/	4616/	3819/	4821/	5832/	4420/	4032/	4633/	4918/	4030/	5318/	3932/	44			21/ 58	
74	35/	2832/	5032/	3918/	4836/	4129/	4018/	3520/	6035/	3119/	4433/	4335/	35			20/ 60	
75	35/	4536/	3727/	4812/	4024/	3317/	4022/	2934/	84	2/	3513/	4223/	6218/	52		34/ 84	
76	35/	3333/	5217/	4719/	42	7/	3634/	19	3/	3325/	3316/	4618/	3636/	3436/	40	33/ 52	
77	1/	4336/	4013/	5219/	3716/	35	3/	2924*	3631/	4620/	3618/	37	1/	4533/	39	13/ 52	
78	34/	4535/	4018/	3729/	4333/	4314/	5022/	5625/	3626/	4020/	31	4/	3130/	40		22/ 56	
79	3/	4135/	4434/	4719/	3817/	4220/	40	1/	4620/	4836/	4413/	4519/	3518/	36		20/ 48	
80	18/	4219/	3216/	4012/	3721/	3219/	3336/	4216/	4019/	4019/	4020/	3036/	33			18/ 42	
81	36/	3336/	44	3/	3818/	3536/	45										
MEAN	40.8	43.7	44.9	43.5	43.1	44.1	42.4	44.2	40.1	40.4	39.6	39.5	59.0				
S.D.	5.701	6.470	6.882	6.441	8.195	7.272	8.313	13.217	9.588	5.711	8.713	4.862	11.428				
TOTAL OBS	636	577	638	618	631	587	596	611	601	633	611	633	7372				

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5023 STATION MCCONNELL AFB KS 70.73-81 YEARS JAN MONTH
ALL WEATHER CLASS 0000-0000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.4	5.1	6.3	2.3	.1	.6					19.2	11.1
NNE	.3	2.4	.9	1.6								5.2	8.1
NE	.2	1.5	1.4	.4								3.5	7.0
ENE	.2	1.3	.9									2.4	5.8
E	.4	2.0	.9									3.3	5.5
ESE	.8	1.3	.2									2.3	4.3
SE	1.0	.6	.5	.4								2.2	5.6
SSE	.5	.9	1.9	2.5	.8							2.6	10.4
S	1.3	2.6	5.8	2.4	.9	.2						13.1	8.7
SSW	1.6	1.6	1.0	.9								2.1	6.3
SW	1.1	1.2	1.0	.1								3.3	5.4
WSW	.4	1.2	.3		.1							2.6	5.4
W	.5	1.3	.1	.1								2.0	4.6
WNW	.4	.5	1.1	.4								2.5	7.7
NW	.1	.5	.8	1.3	.1							2.5	10.3
NNW	.6	1.8	3.1	2.4	.9							3.8	9.6
VARBL													
CALM												15.5	
	10.8	24.2	24.8	18.8	4.9	.3	.6					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723 STATION MCCONNELL AFB KS 70.73-81 YEARS JAN MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.4	6.0	6.1	1.7	1.2						13.8	11.3
NNE	.5	2.0	1.5	2.4	.1		.1					8.7	9.5
NE	.3	1.9	1.6									4.1	6.2
ENE	1.1	.8	1.3	.3								3.4	6.3
E	.5	.9	.6	.1								2.2	5.7
ESE	.6	1.2	.4									2.3	5.1
SE	.3	1.1	.4	.2								2.0	5.9
SSE	.4	1.2	2.6	1.6	1.0	.1						6.9	10.5
S	1.4	3.1	3.0	2.9	1.0	.1						11.5	9.0
SSW	1.0	1.6	.9	.6								4.1	6.4
SW	.2	1.4	.3	.3								2.3	6.2
WSW	1.1	1.1										2.2	3.3
W	1.1	1.3	.4									2.3	4.3
WNW	.2	.6	.4									1.3	5.9
NW	.2	1.7	1.4	1.2	.4		.1					5.1	9.7
NNW	.6	2.0	3.1	2.4	.5							5.8	9.5
VARBL													
CALM												15.7	
	10.0	25.4	24.3	18.2	4.8	1.4	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23 MC CONNELL AFB KS STATION NAME 70.73-21 YEARS JAN
CLASS ALL WEATHER MONTH 2600-0000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	6.2	5.3	2.0	1.2	.2					12.2	12.0
NNE	.4	2.6	2.9	1.5	.1							7.5	8.1
NE	.5	1.3	1.4	.4								3.7	6.5
ENE	.8	1.3	.3	.2								3.0	6.1
E	1.0	1.0	1.1	.1	.1							3.2	5.4
ESE	1.0	1.5	.3	.1								3.3	4.6
SE	.8	.6	.6	.3								2.4	6.5
SSE	1.1	.9	2.4	1.9	.5							6.4	9.3
S	1.4	2.6	2.0	4.1	1.2	.6						11.9	10.3
SSW	.9	.6	.9	.2								2.5	5.5
SW	.4	.6	.9	.2								2.2	6.5
WSW	.1	1.1	.4									1.6	5.6
W	.9	1.3	.2	.1								2.5	4.8
WNW	.4	.4	.4	.1	.1							1.5	6.3
NW	1.0	1.4	2.5	1.2								9.0	7.8
NNW	.9	1.2	3.4	3.2	.6							10.1	9.5
VARBL													
CALM												14.2	
	11.2	21.6	26.3	19.0	4.7	1.9	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 3423 MCCONNELL AFB KS STATION NAME 70.73-81 YEARS JAN
CLASS ALL WEATHER MONTH 900-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	5.7	7.7	2.5	1.1	.2					21.2	11.5
NNE	.3	1.2	2.6	1.3	.3	.2						6.6	9.0
NE	.1	1.2	2.4	.6								4.7	7.5
ENE	.1	.6	.6		.1							1.5	7.2
E	.8	1.0	1.0	.1	.2							3.2	6.8
ESE	.4	.5	.4	.3								1.7	6.9
SE	.2	1.7	1.4	.5								2.9	7.2
SSE	.5	1.2	1.5	3.5	.4							7.0	10.3
S	1.7	2.2	3.4	3.9	1.9	.9	.1					13.7	11.6
SSW	.6	1.4	1.6	1.0	.5							5.2	8.5
SW	.3	.9	.6	.6	.1							2.6	8.1
WSW	.3	1.0	.3	.2								2.3	5.1
W	.5	2.0	1.1									3.7	5.7
WNW	.5	.1	.6	.1								1.4	5.5
NW	.3	.4	1.1	2.5	.2							4.0	10.3
NNW	.6	1.1	1.8	4.4	.9	.1						8.9	11.5
VARBL													
CALM												6.9	
	2.0	20.9	26.6	26.9	7.2	2.3	.3					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2023 MCCONNELL AFB KS STATION NAME 70.73-41 YEARS JA MONTH 1900-1900
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	4.3	6.8	2.0	.8	.2					1.4	12.0
NNE	.6	1.6	2.7	1.2	.5	.1						7.0	9.6
NE	.1	.2	1.5	.6								3.1	8.6
ENE	.2	.2	.3	.4								1.2	7.9
E	.1	1.7	1.0	.3								2.4	7.4
ESE	.4	.4	.3	.2								1.4	5.9
SE	.2	.9	.5	.9	.1							2.6	9.1
SSE	.2	1.7	1.4	2.7	.5	.2						6.8	10.7
S	.2	2.6	2.7	4.4	1.9	.5	.3					13.3	11.7
SSW	.4	1.2	2.4	2.5	.9	.6						6.1	11.9
SW	.3	.2	1.2	.9	.4	.1						3.8	9.9
WSW	.9	2.5	1.2	.6								5.2	6.2
W	.2	1.6	2.5	.2								4.5	6.9
WNW	.4	.4	1.0	.2								2.0	6.6
NW	.5	1.0	2.4	1.9	.2	.2						6.2	9.7
NNW	.6	.8	2.5	4.3	1.3	.8						11.2	12.3
VARBL													
CALM												3.6	
	7.3	20.0	27.7	28.2	9.7	3.4	.5					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0623 STATION MCCONNELL AFB KS 73.73-81 YEARS JAN. MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	4.3	6.6	2.5	.5						17.7	11.5
NNE	.4	1.7	2.4	2.3	.2							7.0	6.9
NE	.5	.7	.9	1.2								3.4	3.4
ENE	.2	.6	.6	.1								1.7	6.1
E	.5	1.1	.8	.1								2.5	5.6
ESE	.4	.9	1.0									2.3	5.9
SE	.4	1.4	1.1	.5								3.4	7.3
SSE		2.3	1.3	2.2	.4							6.1	1.1
S	.4	1.7	3.7	4.6	1.6	.9						12.9	12.0
SSW	.4	1.1	2.7	2.5	.6	.2						8.3	9.9
SW	.5	1.5	.4	1.2								3.7	7.7
WSW	.5	1.4	.9	1.0								3.3	7.7
W	.4	1.3	1.8	.6								4.2	7.1
WNW	.5	.6	1.4	.3	.1							3.0	7.8
NW	.5	.6	2.4	2.6	.5	.1						6.8	10.6
NNW	.4	1.0	1.7	3.5	1.4	.8		.1				5.9	13.0
VARBL													
CALM												4.3	
	7.6	21.6	27.2	29.2	7.4	2.5		.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0423 STATION MCCONNELL AFB KS 70.73-81 YEARS JAN MONTH
1990-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	3.4	6.0	1.7	.5						17.0	10.4
NNE	1.0	2.0	2.2	1.1								2.2	7.2
NE	.9	1.3	1.6	.1								3.8	6.0
ENE	.5	1.1	.3	.1								2.0	5.3
E	.4	2.6	.9	.2								4.1	5.7
ESE	.2	1.4	.5	.1								2.3	5.7
SE	.2	1.3	1.5	.9								2.9	7.8
SSE	.4	1.6	3.0	1.3	.2							5.6	8.2
S	2.4	3.9	4.1	2.3	1.4	.3						14.3	8.6
SSW	.2	1.8	1.0	.3								3.9	5.9
SW	.3	1.0	.1	.4								1.8	6.2
WSW	.1	.5		.1								.3	5.1
W	1.6	1.8	.2	.3								4.0	4.7
WNW	.3	1.2	.2	.2	.1							2.0	6.3
NW	.3	1.0	1.6	.6								3.6	8.0
NNW	.5	1.7	2.0	2.3	.9	.1						7.5	10.3
VARBL													
CALM												16.3	
	11.7	27.7	22.7	16.4	4.3	1.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 929

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0192 STATION MC CONNELL AFB KS STATION NAME 70-73-81 YEARS JAN
CLASS ALL WEATHER MONTH 1-10-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	4.3	4.7	1.7	.6						15.1	11.1
NNE	1.3	2.7	1.6	1.6								7.7	5.9
NE	1.5	1.8	1.1	.4								4.5	5.6
ENE	.6	1.7	.8	.2								2.6	6.0
E	1.4	2.7	.9	.1								4.4	4.8
ESE	1.2	1.7	.9	.1								2.9	5.1
SE	.6	1.7	1.1	.1								2.9	5.7
SSE	.3	2.6	2.3	2.9	.3							2.4	9.1
S	1.7	4.1	3.7	2.5	1.3	.4						13.7	8.8
SSW	.5	1.3	1.5	.5	.1							4.0	7.5
SW	.4	.8	.4	.2								1.3	9.1
WSW	.3	1.2	.3									1.0	5.5
W	1.7	1.3	.8	.2								3.2	5.2
WNW	.3	.5	.5	.5								1.9	7.2
NW	.2	1.8	1.0	.5								3.5	6.8
NNW	.9	1.6	2.3	1.6	1.0							7.3	9.7
VARBL													
CALM												14.1	
	14.2	26.1	23.8	16.3	4.4	1.1						104.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7023 STATION MCCONNELL AFB KS 70.73-81 YEARS JAN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	5.0	6.2	2.2	.9	.2					10.1	11.4
NNE	.7	2.1	2.1	1.6	.2	.0	.0					5.7	8.4
NE	.5	1.4	1.5	.5								3.9	6.9
ENE	.5	.9	.7	.2	.0							2.2	6.2
E	.6	1.4	.9	.1	.0							3.1	5.8
ESE	.6	1.0	.5	.1								2.3	5.3
SE	.5	1.1	.9	.5	.0							2.0	7.0
SSE	.5	1.5	2.1	2.3	.5	.0						7.0	9.6
S	1.3	2.8	3.5	3.4	1.4	.5	.1					13.1	10.1
SSW	.8	1.4	1.5	1.1	.3	.1						5.1	8.5
SW	.5	1.0	.5	.5	.1	.2						2.7	7.2
WSW	.5	1.2	.4	.2	.0							2.4	5.8
W	.8	1.5	.9	.2								3.4	5.5
WNW	.4	.6	.7	.2	.0							2.0	6.9
NW	.4	1.1	1.6	1.5	.2	.0	.0					4.2	9.2
NNW	.7	1.5	2.5	3.0	.9	.2		.0				6.5	10.7
VARBL													
CALM												11.3	
	10.3	23.4	25.4	21.6	5.9	1.7	.2	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 7439

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7023 STATION NAME MC CONNELL AFB KS YEARS 70.73-81 FLG MONTH FLG
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.0	4.3	6.6	2.7	.5	.4					17.7	12.0
NNE	1.1	2.3	2.1	1.3								6.5	7.3
NE	.8	1.5	1.8	.4	.1							4.6	6.6
ENE	.5	1.3	.6	.2								2.6	6.0
E	.4	1.2	1.2	.1								2.8	6.3
ESE	.7	.6	.5	.1								1.9	5.8
SE	.7	1.1	1.8	.7								4.5	6.9
SSE	1.7	1.8	1.9	1.5								6.9	7.1
S	1.5	4.4	5.4	6.7	.9	.1						19.1	9.5
SSW	.7	1.2	1.3	1.1	.4							4.5	8.6
SW	.4	.7	.6	.2	.1							2.2	7.1
WSW	.8	.4	.1									1.3	3.7
W	.1	.9		.4								1.4	6.8
WNW	.4	.6	.4	.2		.1						1.7	7.1
NW	.4	.8	1.3	.7	.1	.2						3.5	9.6
NNW	.7	1.3	1.3	2.4	.8	.1						6.6	10.6
VARBL													
CALM												12.2	
	12.4	21.6	24.5	22.7	5.2	1.1	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2023 STATION MCCONNELL AFB KS 70.73-81 YEARS FEB MONTH
CLASS ALL WEATHER 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.2	3.2	3.9	6.6	2.1	.2	.2	.1				14.2	11.2
NNE	.8	2.4	2.5	1.8	.1							7.6	7.7
NE	.6	1.2	1.9	.7								4.4	7.6
ENE	.7	1.4	.5	.1								2.7	5.4
E	.5	1.3	.7	.2								2.7	6.0
ESE	.8	.9	.6	.1								2.5	5.1
SE	.4	1.2	1.4	.6								3.5	7.6
SSE	1.4	3.1	3.0	.7								8.2	6.5
S	1.1	4.0	5.1	5.0	1.1	.1						16.3	9.6
SSW	.6	.9	2.2	1.5	.2							5.6	9.2
SW	1.1	.7	.2		.1							2.1	4.6
WSW	.5	1.2	.4	.4	.1							2.5	6.4
W	.5	.8	.1	.5								1.9	6.8
WNW	.1	.7	.2									1.1	5.0
NW	.2	.8	1.8	.9	.7	.1						4.6	10.3
NNW	.7	.8	.8	2.8	1.4	.1						6.7	11.9
VARBL													
CALM												9.5	
	11.7	24.7	25.3	22.0	5.9	.6	.2	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 70.73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	5.6	6.6	2.2	.8	.5					19.6	11.7
NNE	.8	2.8	2.6	1.3	.4							7.9	7.7
NE	.6	1.5	.8	.7	.1							3.8	7.5
ENE	.1	1.1	.2	.1								1.5	6.6
E	.5	1.5	1.5	.5								4.1	6.6
ESE	.6	.8	.4									1.8	4.5
SE	.9	.9	1.1	.9								3.9	7.0
SSE	.9	2.7	1.4	1.8	.1							7.0	7.6
S	2.4	3.3	5.8	5.0	.9	.2						17.6	9.1
SSW	.4	.2	.8	.7	.2							3.1	8.7
SW	1.1	.6	.7	.4								2.7	5.7
WSW	.5	.5	.1	.2								1.3	5.9
W	.5	.7		.1	.1							1.4	6.0
WNW	.7	1.1	.4									1.7	5.4
NW	.6	.4	1.5	.6	.4							3.4	9.2
NNW	.2	.7	2.2	3.7	.8	.2	.4	.1				8.4	13.1
VARBL													
CALM												10.8	
	11.9	22.0	25.2	22.6	5.3	1.3	.8	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23 MCCONNELL AFB KS STATION NAME 70.73-81 YEARS FEB
MONTH 1900-1100
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	4.1	8.2	2.5	1.7	.8					19.3	13.8
NNE	.4	2.5	1.9	1.9	.1							6.7	8.7
NE	.6	2.4	.8	1.1	.1							5.0	7.5
ENE	.5	.5	1.7	.2								2.8	7.2
E	.1	.7	1.3	.6								2.7	8.4
ESE	.1	1.1	.2	.4								1.8	6.5
SE	.7	.5	.7	.1								2.0	5.5
SSE	.1	1.5	2.2	3.1	.6	.1						7.7	10.9
S	.6	1.8	3.0	7.3	1.7	.5						14.8	12.1
SSW	.8	1.4	2.2	2.4	.9	.1						7.9	10.3
SW	.4	1.2	1.2	1.1								3.3	8.1
WSW	.6	1.2	.4	.2	.1							2.5	6.0
W	.4	1.9	.8	.6	.1							3.7	7.6
WNW	.2	.2	.8	.1								1.4	7.1
NW	.4	.2	.9	.9	.2	.4						3.1	11.5
NNW	.4	1.3	1.4	3.5	1.9	.9	.1					9.6	13.6
VARBL													
CALM												5.3	
	6.7	19.6	23.8	31.7	8.3	3.7	.9					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10023 STATION MCCONNELL AFB KS 70.73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.7	4.1	7.3	2.2	2.2	.6					15.8	13.6
NNE	.2	1.3	2.1	1.9	.1							5.7	9.4
NE	.1	1.2	.9	.7	.1							3.1	8.2
ENE	.1	1.3	1.3	.5								3.2	7.8
E	.4	.8	1.2	.7		.1						3.2	8.3
ESE		.2	.5									.7	6.0
SE	.2	.7	.8	.1	.1							2.0	7.4
SSE	.5	1.4	.9	1.3	1.5							5.7	11.0
S	.7	2.1	2.1	5.1	3.0	1.1						14.1	12.9
SSW	.1	1.7	3.2	4.1	2.0	.4						11.5	12.1
SW	.2	.7	1.7	1.9	.2	.1						4.2	10.5
WSW	.2	.8	.9	1.1								3.1	8.8
W	.1	1.3	1.5	.1	.2							3.2	7.3
WNW	.4	.5	.5	1.2	.1	.1						2.7	10.3
NW		.3	1.5	2.2	.8	.2						5.7	12.1
NNW	.4	1.1	2.4	3.4	1.2	1.1						9.5	12.6
VARBL													
CALM												2.6	
	3.2	18.4	25.8	31.7	11.7	5.3	.6					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2023 STATION MC CONNELL AFB MS STATION NAME 70.73-81 YEARS 1979-1980 FEB MONTH
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	5.6	5.9	2.7	1.7	.1					12.6	12.6
NNE	.4	1.8	2.1	1.7	.4							6.3	9.1
NE	.4	.8	.8	.6	.1							2.7	6.2
ENE	.4	.3	.7	.6								2.5	7.8
E	.2	.6	1.7	.6								3.1	7.8
ESE	.5	.6	.4									1.4	4.7
SE	.4	.8	1.1	.4								2.6	7.0
SSE	.2	.5	1.5	2.1	.7	.1						5.2	11.8
S	1.1	.8	4.0	5.8	3.1	1.7						16.4	13.1
SSW	.1	.6	2.4	4.5	.8	.5						8.9	12.5
SW	.1	.6	1.3	1.4	.2							3.7	10.4
WSW	.1	1.1	1.1	.7	.1							3.1	6.3
W	.4	.9	1.3	.7	.1							3.4	6.2
WNW	.2	.3	.7	1.1	.2							3.1	9.8
NW	.2	1.1	.8	2.0	.7	.2	.2					5.3	12.2
NNW	.1	.3	2.2	5.0	1.8	.6	.1					10.6	13.4
VARBL													
CALM												2.1	
	5.1	14.9	28.7	33.0	11.0	4.7	.5					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1123 MCCONNELL AFB KS 70.73-81
STATION STATION NAME YEARS
ALL WEATHER
CLASS
1600-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.4	4.2	5.1	5.6	3.0	.5						17.5	10.8
NNE	.7	1.9	2.8	.5	.6							5.9	8.2
NE	.6	.9	.8	.7								3.1	7.6
ENE	.8	1.1	.2	.2								2.4	5.3
E	.4	2.7	1.5	.4								4.3	6.5
ESE	.2	.9	.8									2.0	5.6
SE	.7	1.8	1.2	.2								3.9	6.2
SSE	.6	1.8	2.6	.9		.2						5.1	8.2
S	1.2	4.4	5.3	5.9	1.7							18.4	9.5
SSW	.2	.3	1.8	.9		.1						3.9	8.8
SW	.2	.7	1.1									2.0	6.4
WSW	.4	.9	.6	.1								2.0	5.5
W	.9	.9										1.9	3.4
WNW	.2	.6	.6	.5	.1							2.0	5.9
NW	.5	.7	1.4	.9			.4					3.9	10.0
NNW	.8	1.9	2.4	1.9	1.2	.2						8.4	10.2
VARBL													
CALM												9.3	
	9.9	25.4	28.3	19.1	6.5	1.1	.4					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0-23 STATION MCCONNELL AFB KS 70.73-81 YEARS FEB MONTH
100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.2	5.3	5.0	2.6	1.1						18.0	11.1
NNE	.5	2.4	3.1	1.4	.4							7.7	8.4
NE	.6	1.2	.9	.4								3.1	6.8
ENE	1.1	1.3	.9	.2								3.5	5.4
E	.8	2.7	.9	.1								3.9	5.3
ESE	.4	.5	1.5									2.7	6.3
SE	.5	.9	1.8	.9								4.1	7.5
SSE	1.1	2.5	2.7	1.1	.1	.2						7.0	7.6
S	.6	2.5	5.2	6.6	1.9							17.0	10.8
SSW	.4	1.4	1.9	.7								4.4	7.4
SW	.1	.4	.8									1.3	6.6
WSW	.5	.4	.2	.2								1.3	6.0
W		.9	.4	.1								1.4	6.0
WNW	.4	.2	.2	.5								1.3	7.6
NW	.2	.3	1.2	.5		.4						3.1	9.5
NNW	.2	.3	1.3	2.1	1.1	.2						6.6	12.2
VARBL													
CALM												14.4	
	9.2	20.8	27.8	19.9	6.0	1.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 70.73-01 YEARS FEB MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	4.2	6.5	2.5	1.1	.3	.0				12.3	14.1
NNE	.6	2.1	2.4	1.5	.3							6.9	8.3
NE	.5	1.3	1.1	.7	.1							3.7	7.5
ENE	.5	1.1	.8	.3								2.7	6.4
E	.4	1.3	1.3	.4		.0						3.4	6.8
ESE	.4	.8	.6	.1								1.5	5.7
SE	.6	1.7	1.2	.5	.0							3.3	6.9
SSE	.8	1.9	2.0	1.6	.4	.1						6.7	8.7
S	1.2	2.2	4.5	5.9	1.8	.5						16.7	10.7
SSW	.4	1.1	2.0	2.0	.6	.1						6.2	10.3
SW	.4	.7	.9	.6	.1	.0						2.3	6.0
WSW	.4	.8	.5	.4	.0							2.1	6.7
W	.4	1.1	.5	.3	.1							2.4	6.5
WNW	.3	.6	.5	.4	.1	.0						1.9	3.2
NW	.3	.7	1.3	1.1	.4	.2	.1					4.1	10.7
NNW	.4	1.1	1.8	3.1	1.3	.4	.1	.0				6.2	12.4
VARBL													
CALM												3.3	
	8.9	20.9	26.2	25.3	7.5	2.5	.5	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23 MC CONNELL AFB KS STATION NAME 70.73-81 YEARS 1950-1950 MAP MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.1	3.1	4.2	2.3	.6						14.5	10.2
NNE	.5	1.3	1.5	1.5	.5		.1					5.5	9.9
NE	.5	1.4	1.3	1.0								4.2	7.5
ENE	.4	1.0	1.2	.4								4.0	6.3
E	.4	2.5	2.4	1.3	.1							5.7	7.9
ESE	.4	1.2	1.2	.3	.2							5.3	7.4
SE	.8	1.7	2.3	1.2	.4							6.3	8.5
SSE	.5	2.3	2.9	3.5	.6	.1						10.1	9.8
S	1.4	2.6	3.3	4.6	2.0	1.2	.3					15.5	11.6
SSW	.9	.9	1.1	1.0	.1							5.9	7.7
SW	.3	.2		.2	.1							.9	7.5
WSW	.4	1.0	.1	.1								1.6	4.7
W	.5	.9	1.1	.4	.2							3.1	7.0
WNW		.4	.2	.1	.1							.9	9.1
NW	.7	1.1	1.2	1.7	.3							4.6	10.0
NNW	.4	1.2	1.7	1.8	.2	.2						5.6	9.9
VARBL													
CALM												9.4	
	9.4	23.4	24.5	23.4	7.3	2.2	.4					10.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7023 STATION NAME MC CONNELL AFB KS YEARS 70, 73-81 MAP MONTH 0300-0500
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	3.4	5.5	1.5	.6						14.0	11.5
NNE	.6	2.2	1.7	1.3	.2	.2						6.2	8.6
NE	.6	1.5	2.3	.4	.1							4.9	7.1
ENE	.5	1.5	1.2	.5								3.8	6.7
E	.8	2.2	1.4	.4								4.7	6.3
ESE	.5	1.8	1.3	.6	.2							4.5	7.1
SE	.4	1.7	2.6	1.6	.2							6.6	8.7
SSE	.9	1.7	2.3	2.6	.2							7.6	9.0
S	1.2	2.8	3.5	5.1	2.4	.3	.1					15.4	11.0
SSW	.5	1.7	.4	.3	.2							3.2	6.8
SW	.5	.6	.5	.4	.1							2.3	6.9
WSW	.4	.4	.4	.2								1.5	6.3
W	.2	.5	.6	.5	.1							2.0	8.7
WNW	.2	.3	.8	.3	.3							1.9	9.4
NW		1.6	1.0	1.6		.1	.1					4.4	10.1
NNW	.9	1.3	1.1	2.4	.5	.2						6.2	10.7
VARBL													
CALM												10.6	
	2.1	24.0	24.5	23.9	6.1	1.5	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
40 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 522 STATION NAME MC DONNELL AFB KS YEARS 70-73-81 MONTH MAY
CLASS ALL WEATHER 600-2400
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.5	3.7	6.0	1.6	.6						14.5	11.7
NNE	.3	1.1	2.5	1.7	.2							5.3	9.5
NE	1.1	1.5	1.4	.9								4.3	5.6
ENE	.5	1.3	.8	1.2	.1							4.4	7.7
E	1.0	1.7	.8	.5	.1							4.1	6.3
ESE	.2	2.2	1.4	.4								4.2	6.7
SE	.6	1.7	2.7	1.3	.2	.1						5.7	8.5
SSE	.6	2.0	2.5	2.9	.9	.1						9.1	10.1
S	1.2	3.5	3.9	3.5	1.6	.4						14.2	10.1
SSW	.4	1.0	1.2	1.1	.2	.1						3.9	9.0
SW	1.0	1.1	.3	.3								2.7	4.9
WSW	.4	.3	.4	.3								1.5	6.6
W		1.2	.2	.4	.3							2.2	8.7
WNW	.2	.3	1.2	.5		.1						2.4	9.7
NW	.4	1.3	.6	1.3	.3	.4						4.4	10.8
NNW	.3	1.5	1.0	2.9	.4	.4						6.6	11.2
VARBL													
CALM												8.5	
	9.2	24.7	23.9	25.3	6.0	2.4						170.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7923
STATION

ACCONNELL AFB KS
STATION NAME

70.73-61
YEARS

4AD
MONTH

ALL WEATHER
CLASS

900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	3.7	6.7	2.5	1.1						15.7	13.2
NNE	.5	.2	2.5	1.9	.1							5.9	9.2
NE	.8	.3	1.8	1.6								4.9	8.6
ENE	.3	1.2	1.9	1.0	.2							4.5	8.6
E	.6	1.4	1.6	.8								4.4	6.9
ESE	.4	1.1	1.1	.3								2.9	6.5
SE	.1	.9	1.8	1.8	.4							4.9	10.6
SSE	.2	.4	2.3	3.4	1.9	.4	.1					8.8	13.4
S	.4	1.5	3.8	4.6	3.4	1.0						14.9	13.2
SSW	.1	1.4	1.6	2.4	1.0	.6	.1					7.2	12.6
SW	.8	.8	.9	.1	.2	.2						2.9	7.8
WSW	.4	.9	1.2	1.0	.2							3.5	9.2
W	.8	.9	1.0	.2								2.8	5.9
WNW	.3	.4	.2	.9	.2	.4						2.5	12.4
NW	.3	1.0	.9	1.4	.6	.4						4.6	12.6
NNW	.1	1.1	1.1	2.8	.5	.6	.2					6.5	13.1
VARBL													
CALM												2.9	
	6.8	15.5	27.1	31.1	11.4	4.8	.4					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

936

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7923 STATION MCCONNELL AFB KS 70.73-81 YEARS
STATION NAME CLASS ALL WEATHER MONTH 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	3.5	6.9	2.9	.1	.2					15.3	12.8
NNE	.2	.9	2.6	2.5	.1	.1						5.3	10.2
NE	.1	.3	1.8	.9	.1							3.7	8.8
ENE	.5	.6	.8	.6								2.6	7.3
E	.9	1.2	1.6	.6								4.3	7.0
ESE	.2	.5	1.2	.5	.2	.1						2.6	9.8
SE	.4	1.2	.9	1.4	.3	.1						4.3	9.8
SSE	.1	1.0	1.7	3.1	1.9	.6						9.5	13.5
S	.2	1.3	2.0	5.6	3.9	2.3	.1					15.4	15.0
SSW	.1	.6	2.7	2.8	1.2	1.4						9.8	13.8
SW	.1	1.7	1.7	1.5		.3						5.4	9.7
WSW	.1	1.2	1.3	.6	.1							3.3	6.5
W	.1	.5	.9	1.5	.6							3.7	12.2
WNW		.3	.4	.4	.2	.2						1.6	12.8
NW	.2	.9	.6	1.4	.4	.6						4.2	12.9
NNW	.6	1.4	1.4	3.7	1.3	.5	.3					9.2	12.7
VARB													
CALM												.6	
	4.7	15.5	24.6	34.1	13.3	6.5	.6					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 70.73-91 YEARS
STATION NAME CLASS ALL WEATHER
CONDITION
MONTH MAY
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	2.2	6.9	2.2	.5						14.2	12.5
NNE	.2	.9	3.2	1.7								6.3	9.8
NE	.5	.5	1.4	.6	.1							3.2	8.2
ENE	.2	.4	1.2	.9								2.7	8.9
E	.4	1.1	2.6	.2								4.3	7.5
ESE	.3	.8	1.6	1.2	.2							4.1	9.1
SE		.6	.8	.9	.1							2.4	10.2
SSE	.1	.8	1.9	4.0	1.2	.6						8.6	13.3
S	.3	.4	3.1	5.2	6.0	1.3	.2					16.6	15.3
SSW		.8	2.0	3.1	.6	.6						7.2	12.8
SW	.2	.6	1.3	2.2		.1						4.4	10.3
WSW	.3	.5	1.1	.9	.3	.3						3.4	10.9
W	.2	.6	1.9	.8	.4	.5						4.5	11.6
WNW	.1	.3	.5	1.1	.4	.2						2.7	12.3
NW	.1	.8	.6	1.4	1.0	.4	.1					4.4	14.1
NNW	.3	1.3	1.9	4.4	.8	.5	.3					9.6	12.7
VARBL													
CALM												1.7	
	3.8	12.6	27.4	35.3	13.3	5.3	.6					100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1023 STATION MCCONNELL AFB KS 70.73-81 YEARS MAR MONTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.5	4.5	4.7	1.9	.2						15.2	10.7
NNE	.4	1.4	1.2	1.7	.5	.2						5.5	10.5
NE	.4	1.7	.8	.6	.2							3.8	7.7
ENE	1.1	.9	1.2	.6	.2	.1						3.9	7.5
E	1.2	.2	2.9	1.0								5.7	7.6
ESE	.3	.2	1.7	.2								3.1	7.3
SE	.2	1.8	1.3	1.6	.4							5.4	9.4
SSE	.6	3.2	3.3	3.1	.6	.1						13.9	9.4
S	.8	3.2	5.1	5.4	.9	.6	.1					16.2	10.7
SSW	.2	.2	1.5	.5	.3							3.4	9.3
SW	.2	.3	.1	.1								.8	4.9
WSW	.1	.8	.4	.1								1.4	6.4
W	.5	1.0	.4	.8	.3							3.0	8.4
WNW	.4	.6	1.3	1.0	.1							3.4	8.9
NW	.2	.6	1.1	1.7	.2	.3						4.2	11.5
NNW	.3	.5	1.9	1.8	.6	.2						5.5	11.3
VARB													
CALM												7.8	
	3.7	21.0	28.5	25.1	6.5	2.4	.1					100.2	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3523 STATION MC CONNELL AFB KS STATION NAME 70.73-81 YEARS WAF
MONTH 2100-2300
HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.3	3.1	4.1	1.4	.5						14.1	9.9
NNE	.5	1.8	1.1	2.0	.9	.3						6.7	10.9
NE	1.8	2.0	1.2	.8								5.8	5.6
ENE	.1	1.3	1.7	.3								3.4	7.4
E	.6	1.5	2.6	1.1	.3							6.1	8.2
ESE	.6	1.0	1.6	.5								3.8	6.9
SE	.6	1.9	2.9	1.1	.1	.2						6.9	8.4
SSE	.4	3.7	4.3	3.1	.9	.4						12.8	9.6
S	1.2	2.6	2.5	5.5	1.3	.4	.2					13.7	11.0
SSW	.3	1.0	.8		.1	.1						2.3	7.7
SW	.3	.3	.1									.8	4.1
WSW	.2	.6	.2									1.1	4.9
W	.4	1.0	.3	.6								2.4	7.4
WNW		.3		.5	.3							1.2	12.9
NW	.2	.9	.8	.8	.6							3.1	10.6
NNW	.5	.9	1.8	1.9	1.1	.1						6.3	10.8
VARIABLE													
CALM												9.7	
	9.7	24.0	24.9	22.4	7.0	2.2	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 70.73-81 YEARS MAR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	3.3	5.6	2.0	.6	.0					14.8	11.6
NNE	.4	1.3	2.0	1.8	.3	.1	.0					6.0	9.8
NE	.7	1.3	1.5	.8	.1							4.4	7.4
ENE	.5	1.2	1.2	.7	.1	.0						3.7	7.6
E	.7	1.5	2.0	.7	.1							5.0	7.3
ESE	.4	1.2	1.4	.5	.1	.0						3.6	7.6
SE	.4	1.4	1.9	1.4	.3	.1						5.4	9.1
SSE	.5	1.9	2.7	3.2	1.0	.3	.0					9.6	10.9
S	.8	2.2	3.4	5.0	2.7	.9	.1					19.2	12.3
SSW	.3	1.0	1.4	1.4	.5	.4	.0					8.0	11.1
SW	.4	.7	.6	.6	.1	.1						2.5	8.1
WSW	.3	.7	.6	.4	.1	.0						2.2	8.0
W	.3	.8	.8	.7	.3	.1						3.0	9.2
WNW	.2	.4	.6	.6	.2	.1						2.1	10.9
NW	.2	1.0	.8	1.4	.4	.3	.0					4.2	11.5
NNW	.4	1.1	1.5	2.7	.7	.4	.1					6.9	11.7
VARBL													
CALM												6.4	
	7.7	20.1	25.7	27.6	8.9	3.4	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2023 STATION NAME MCCONNELL AFB KS YEARS 70.73-81 APP MONTH
CLASS ALL WEATHER 0000-0200
CONDITION HOURE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	3.0	1.9	.3	.2						7.9	9.3
NNE	.4	1.6	.8	1.0	.1							3.9	8.0
NE	1.2	1.6	.9	.4	.1							4.0	6.3
ENE	1.2	1.9	1.2	.3	.1							4.8	6.1
E	1.8	2.8	1.6	1.3	.1							7.6	6.8
ESE	.4	1.4	1.6	.8	.1	.1						4.4	8.3
SE	1.1	2.0	1.3	1.7	.3	.1						8.6	8.2
SSE	1.7	3.1	3.9	3.9	.8	.1						13.4	9.2
S	.9	2.4	4.7	5.7	2.7	.1						16.4	11.2
SSW	.3	.4	1.3	1.7	.1							3.9	10.3
SW	.7	.1	.3	.8	.1							2.0	8.6
WSW	.3	.6	.4	.3								1.7	6.8
W	.7	1.2	.6	.4			.1					3.0	7.0
WNW	.2	.4	.6	.2	.1	.2						1.8	10.7
NW	.2	.7	.6	1.2	.8	.2						3.7	12.3
NNW	.2	.8	1.4	1.7	1.0							5.1	11.3
VARBL													
CALM												9.9	
	11.9	22.8	24.1	23.3	6.8	1.1	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723 STATION MCCONNELL AFB KS 70.73-81 YEARS APR MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.8	2.9	2.6	.7							2.4	9.1
NNE	.4	1.2	1.2	.7	.1							3.4	5.0
NE	.8	2.2	1.2	.4								4.7	6.1
ENE	.9	1.7	1.8	.6								4.9	6.8
E	1.1	3.1	2.2	.3								6.8	6.1
ESE	.9	1.1	.8	.4	.2							3.4	7.1
SE	.4	1.6	1.7	1.3	.3	.1						5.4	8.8
SSE	.8	3.0	3.3	5.1	.9	.7						13.3	10.6
S	.8	2.4	5.0	5.6	1.3	.1						15.2	10.6
SSW	.1	1.0	1.6	.8	.1							3.6	8.8
SW	1.2	.6	.6									2.3	4.2
WSW	.6	.7	.6	.7	.2							2.7	8.3
W	.8	1.1	.3	.8								3.0	7.1
WNW	.7	.8	.4	.3		.2						2.4	7.7
NW	.4	.7	1.4	.9	.3	.1	.1					4.0	10.2
NNW	.2	.9	2.1	1.4	1.0	.2						5.9	11.4
VARBL													
CALM												9.0	
	10.7	24.6	27.1	21.9	5.2	1.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1423 STATION MCCONNELL AFB KS STATION NAME 70.73-81 YEARS AFD
MONTH 1630-0800
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	3.3	3.4	.7							10.3	9.6
NNE	.6	1.3	1.8	1.7	.3							5.2	8.6
NE	.4	2.1	1.2	.3								4.2	6.9
ENE	.9	1.4	2.3	.6								5.2	6.6
E	1.2	3.2	1.8	.8								7.2	6.2
ESE	.4	1.1	1.0	.3	.1							3.0	7.2
SE	.6	1.6	1.4	2.1	.7							6.8	9.8
SSE	.3	1.6	2.0	3.4	1.3	.6	.1					9.3	12.1
S	.6	1.8	4.9	8.3	2.2	.4						18.2	12.2
SSW	.6	1.2	1.3	1.2								4.3	7.9
SW	.4	.6	.4	.1								1.6	5.4
WSW	.4	.7	.7	.6								2.6	7.0
W	.3	.9	.4	.8	.1							2.6	8.3
WNW	.1	.7	.7	.6	.1	.3						2.4	11.0
NW		.3	2.0	.8	.2	.2						3.6	10.7
NNW	.2	1.7	2.6	3.0	.4							7.2	10.5
VARBL													
CALM												6.7	
	8.1	21.7	28.3	27.3	6.2	1.6	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0623 STATION NAME MCCONNELL AFB KS YEARS 70, 73-81 APP MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.6	6.2	1.6							13.1	11.5
NNE	.3	.3	2.2	1.6	.1							4.6	10.1
NE	.2	.6	1.7	.7	.2							3.7	8.6
ENE	.6	1.1	1.9	.6								4.1	7.5
E	.9	1.7	2.4	.9								5.2	7.6
ESE	.1	.6	1.8	.9	.2							3.6	9.6
SE		.9	1.7	2.1	.1							4.8	10.6
SSE	.2	.9	2.9	3.4	1.7	.6	.1					9.8	12.6
S	.2	1.0	2.4	3.8	5.2	1.3	.3					19.3	15.1
SSW	.1	.4	1.9	2.6	1.3	.4						6.3	13.2
SW	.1	.9	.6	1.1	.6	.2						3.4	11.2
WSW		.5	1.2	.8		.1						2.7	9.5
W	.1	.8	1.1	1.0	.4	.3						3.8	11.7
WNW	.4	.7	.6	.3	.3	.2						2.6	9.9
NW	.1	.3	1.7	1.2	.3	.6	.1					4.3	12.6
NNW	.1	1.3	1.7	3.0	.7	.1						6.9	11.3
VARBL													
CALM												1.4	
	4.3	13.7	28.2	35.1	12.8	3.9	.6					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 70.73-81 YEARS APR MONTH
1000-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	4.0	4.6	1.4	.4						11.6	12.2
NNE	.1	.7	1.3	1.0	.4							3.6	10.7
NE	.1	1.1	.9	.4								2.5	7.5
ENE	.2	1.0	2.3	1.0								4.6	9.3
E	.4	1.9	1.7	.6								4.6	7.2
ESE	.2	.7	1.0	.8								2.7	6.6
SE	.3	1.1	1.8	2.2	.4	.1						6.9	10.3
SSE	.4	.4	2.3	4.1	1.6	.6	.1					9.6	13.4
S	.3	1.0	2.1	5.2	6.3	3.1	.2	.2				19.6	16.5
SSW	.3	.2	2.7	4.2	1.9	1.0						10.3	13.9
SW	.2	.2	.6	1.8	.2							3.0	11.7
WSW	.7	.7	.7	.3	.3							2.7	7.6
W	.2	.6	1.1	.8	.3	.8						3.3	12.7
WNW	.1	.2	1.0	.6	.9	.1						2.9	12.7
NW		.6	.9	.9	1.1	.4						3.9	13.9
NNW		.9	2.1	2.4	1.7	.6						7.6	13.1
VARBL													
CALM												1.3	
	4.3	11.7	25.4	31.9	16.7	7.1	.3	.2				124.7	12.4

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1523 STATION MCCONNELL AFB KS 70.73-81 YEARS APR MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.4	1.2	2.7	4.9	2.2	.8						14.2	12.9
NNE	.1	.6	1.3	.9	.2							4.8	10.1
NE	.6	.8	.8	.6	.1							2.8	7.6
ENE	.3	.3	1.4	.3	.1							3.0	7.6
E	.0	1.3	2.4	1.1								5.7	7.7
ESE	.2	1.1	.6	1.2		.1						3.1	9.6
SE	.1	.9	.8	1.4	.2	.2						3.7	10.7
SSE	.2	1.2	2.2	3.9	1.8	.4						9.8	12.6
S	.3	.2	4.1	8.7	6.2	2.4	.6	.1				23.3	15.4
SSW	.1	.2	1.3	4.1	1.4	.6	.2					8.0	14.7
SW	.1	.4	.8	1.0	.3							2.7	10.9
WSW	.2	.5	.2	.6	.2							1.6	9.5
W	.2	1.0	1.1	1.4		.6	.2	.1				4.7	12.6
WNW	.1	.2	1.3	1.2	.4	.3						3.3	13.1
NW	.2	.7	.9	1.2	.8	.4						4.2	12.9
NNW	.6	1.1	1.7	2.8	1.3	.4						7.9	12.0
VARBL													
CALM												1.3	
	4.7	12.7	23.0	35.3	15.4	6.3	1.0	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 70.73-81 YEARS APR MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	5.3	3.6	1.1	.2						12.7	10.1
NNE	.4	1.4	1.3	.8	.1							4.1	7.9
NE	.4	1.4	.8	.2								2.9	6.0
ENE	.8	1.4	1.4	.8	.2							4.7	7.5
E	1.6	1.9	1.1	.9								5.4	6.4
ESE	.3	1.2	1.0	1.1								3.7	8.1
SE	.6	1.9	2.2	1.4	.1							6.2	8.1
SSE	1.1	3.6	4.3	4.4	1.1							14.6	9.5
S	1.0	2.4	3.9	8.6	2.4	.6						19.9	11.7
SSW	.2	.8	1.0	1.4	.3		.1					3.9	10.8
SW	.1	.3	.4	.2	.2	.1						1.4	10.7
WSW		.7	.1									.8	5.3
W	.6	.7	.9	.3	.2	.2						2.9	9.0
WNW	.1	.6	.2	.6	.1	.1						1.7	10.3
NW	.1	.3	1.1	1.4	.6	.3	.1	.1				4.6	12.9
NNW	.3	1.2	.9	2.4	1.1	.3						6.3	12.0
VARBL													
CALM												5.3	
	8.8	22.0	25.8	28.2	7.7	1.9	.2	.1				100.3	9.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1023 MCCONNELL AFB KS 70.73-81
STATION STATION NAME YEARS
APR MONTH
2100-2300
HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.7	2.9	2.6	2.2	1.0							9.2	9.3
NNE	.9	1.9	1.0	.6	.1							4.4	6.4
NE	1.1	1.1	.6	.2	.2							3.2	5.9
ENE	.8	1.3	1.7	.3								4.1	6.4
E	2.4	3.9	2.4	1.2		.1						10.0	6.3
ESE	1.6	1.6	1.2	.3								4.7	5.4
SE	1.3	1.3	3.1	1.7	.1							8.0	7.9
SSE	1.9	2.7	4.3	5.2	.4	.2						14.8	9.3
S	.6	1.4	4.1	5.3	2.1	.6	.1					14.2	12.2
SSW	.1	1.2	1.1	.4	.1			.1				3.1	9.0
SW		.3	.4	.1		.1						1.0	8.8
WSW	.2	.7	.2	.2	.1							1.4	7.8
W	.7	.4	.1			.2						1.4	6.8
WNW		.8		.2	.6	.2						1.8	12.8
NW	.3	.3	.7	1.3	1.1	.3						4.1	12.8
NNW	.8	1.6	1.3	.9	.4							5.0	6.3
VARBL													
CALM												9.4	
	13.3	23.7	24.9	20.3	6.3	1.8	.1	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 70.73-81 AFB MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	3.2	3.7	1.1	.2						10.2	10.7
NNE	.4	1.1	1.3	.9	.2							4.0	5.6
NE	.6	1.4	1.0	.4	.1							3.5	6.8
ENE	.7	1.3	1.8	.6	.1							4.4	7.1
E	1.3	2.4	2.2	.9	.0	.0						6.5	6.7
ESE	.5	1.1	1.1	.7	.1	.0						3.6	7.9
SE	.6	1.5	1.8	1.7	.3	.1						5.9	9.1
SSE	.8	2.1	3.2	4.2	1.2	.4	.2					11.9	10.9
S	.6	1.7	3.9	7.1	3.6	1.1	.2	.0				16.2	13.3
SSW	.2	.7	1.5	2.1	.7	.2	.0	.0				5.5	12.0
SW	.4	.4	.5	.6	.2	.1						2.2	9.3
WSW	.3	.7	.5	.4	.1	.0						2.0	8.0
W	.4	.8	.7	.7	.1	.3	.0	.0				3.1	10.0
WNW	.2	.5	.6	.5	.3	.2						2.4	11.1
NW	.2	.5	1.2	1.1	.7	.3	.0	.0				4.0	12.3
NNW	.3	1.1	1.7	2.2	1.0	.2						6.5	11.4
VARBL													
CALM												5.6	
	8.3	19.1	26.0	27.9	9.6	3.1	.3	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03923 STATION MCCONNELL AFB KS 70.73-81 YEARS MAY MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.5	1.2	1.3	.6	.1						7.6	7.7
NNE	.9	1.9	1.0	.5	.2	.1						4.6	7.0
NE	1.5	1.3	.4	.1								3.3	4.3
ENE	1.4	1.8	1.0	.5								4.7	5.6
E	1.5	3.4	1.9	.6								7.5	6.0
ESE	2.5	1.8	1.1									5.4	4.4
SE	2.2	2.6	1.9	.8								7.4	5.9
SSE	.9	3.5	4.3	3.2	.5							12.5	8.7
S	1.3	4.4	4.4	5.7	1.1	.2						17.1	9.7
SSW	.8	1.0	1.2	.3								3.0	6.2
SW	.3	1.0	.4	.1								1.6	5.6
WSW	.5	.4	.6									1.6	5.4
W	.9	.2	.3									1.4	4.3
WNW		.5	.2	.4								1.2	8.1
NW	.1	.3	.9	.6	.1							2.0	9.8
NNW	.6	.8	.4	.5	.1							2.5	7.7
VARBL													
CALM												16.2	
	17.2	22.5	21.1	14.8	2.7	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1523 STATION MCCONNELL AFB KS STATION NAME 70.73-81 YEARS MAY MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.5	1.8	1.4	.2							7.8	7.0
NNE	2.0	2.2	.9	1.1			.1					5.2	6.3
NE	.3	1.6	.5	.6								3.1	6.9
ENE	1.2	.6	1.3	.5								3.7	6.6
E	2.9	2.5	1.8	.3								7.5	4.9
ESE	1.2	2.2	1.1									4.4	5.1
SE	1.5	2.5	1.6	.4								6.0	5.6
SSE	2.4	3.8	4.6	2.3	.4							13.4	7.4
S	2.4	4.2	6.1	4.2	1.3	.2						18.4	9.0
SSW	.5	.5	.6									1.7	5.5
SW	.5	1.3	.4									2.3	4.8
WSW	.5	.3	.1									1.0	3.8
W	.4	1.1	.4	.1								2.0	5.4
WNW	.8	.6	.2	.4								2.0	5.9
NW	.1	.6	1.0	.6	.1	.1						2.6	9.9
NNW	.6	1.2	.6	.5	.1							3.1	7.3
VARBL													
CALM												14.6	
	19.4	27.6	23.2	12.6	2.2	.3	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3923 STATION MCCONNELL AFB KS 70.73-81 YEARS MAY MONTH
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	3.0	2.3	.3							9.1	8.0
NNE	.0	1.7	2.0	1.1								5.7	7.3
NE	.5	1.2	.8	.3								2.5	6.3
ENE	1.0	.9	1.2	.9								3.9	7.0
E	1.4	2.5	1.8									5.7	5.6
ESE	1.6	1.6	.6	.1	.1							4.1	4.9
SE	1.3	1.6	1.7	.2								4.8	5.9
SSE	1.0	4.1	4.0	2.6	.3	.1						12.2	8.2
S	1.6	2.6	7.5	7.8	1.4	.4						21.4	10.3
SSW	.6	1.1	1.6	.5	.1							4.0	7.4
SW	.2	.4	.2	.2								1.1	6.8
WSW	.3	.6	.1									1.1	4.5
W	.9	1.3	.3	.1								2.6	4.7
WNW	.2	.5	.2	.1	.1							1.2	7.3
NW	.2	1.3	.8	.8	.1							3.1	8.1
NNW	1.2	1.2	2.2	1.2	.1							5.8	7.6
VARBL													
CALM												11.6	
	14.6	24.4	28.1	18.2	2.6	.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2023 MCCONNELL AFB KS 70.73-81 MAY
STATION STATION NAME YEARS
ALL WEATHER
CLASS
0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	3.2	4.6	.9							10.4	10.8
NNE	.6	1.3	1.0	1.6	.1							4.6	8.5
NE	.4	1.5	1.8	.5								4.3	7.4
ENE	.5	.8	2.7	.1								4.1	7.1
E	.4	2.2	1.6	.9								5.1	7.2
ESE	1.1	1.7	1.1	.3								4.2	5.8
SE	.5	.4	1.2	.5								2.7	7.5
SSE	.2	2.3	3.8	2.2	.3	.1						8.8	9.2
S	.9	3.1	7.7	9.7	4.2	.5						20.1	11.8
SSW	.3	2.3	2.8	2.5	1.0	.2						9.0	10.1
SW	.3	.4	.4	.5	.1							1.8	6.0
WSW	.3	1.0	.4	.1								1.8	5.1
W	.6	.9	.4	.4	.1	.1						2.6	7.8
WNW		.6	.5	.4	.1							1.7	8.6
NW	.3	1.0	1.1	.8								3.1	6.1
NNW	.8	1.6	1.1	1.2	.4							5.1	8.4
VARB													
CALM												4.5	
	7.7	22.5	30.9	26.3	7.1	1.0						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 5423 STATION NAME MCCONNELL AFB KS YEARS 70, 73-81 DAY MONTH 4
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	1.4	3.8	3.4	.5							9.2	10.4
NNE	.3	1.4	1.3	1.3	.2	.1						4.6	9.4
NE	.6	1.5	1.3	.5	.1							4.2	6.9
ENE	.9	.5	1.6	.6								3.7	7.5
E	1.1	1.2	1.5	1.4								5.2	7.5
ESE	.8	.6	1.2	.5								3.1	7.2
SE	.6	1.5	.9	.4								3.5	6.4
SSE	.3	1.7	4.4	3.8	.1		.3					11.1	10.1
S	.2	2.4	5.9	12.3	4.0	1.3	.1					26.1	13.1
SSW	.5	1.0	1.7	3.0	.9							7.1	10.9
SW	.1	1.0	1.2	.5								2.3	6.1
WSW	.3	.3	1.0	.4								2.0	8.1
W	.3	.8	.5	.3	.2							2.2	8.3
WNW	.3	.5	1.2	1.0								3.0	8.8
NW	.2	.6	1.2	1.0	.3							3.3	9.6
NNW	.5	1.0	1.7	2.3	.1	.1						5.7	9.9
VARBL													
CALM												3.1	
	8.0	17.4	30.3	32.8	6.5	1.5	.4					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17523 STATION MCCONNELL AFB KS 70.73-81 YEARS MAY MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.3	4.1	3.8	.3	.2						11.3	9.9
NNE	.5	1.6	2.5	1.1								3.7	8.9
NE	.6	1.7	2.0	.9	.3							3.6	7.8
ENE	.5	1.1	.9									2.5	5.7
E	.2	2.2	1.8	.2								4.4	6.8
ESE	.6	.9	1.7	.2	.1							3.5	7.2
SE	.4	1.5	1.7	1.2								4.3	8.2
SSE	.4	1.7	4.6	5.6	.5	.2						13.3	10.5
S	.5	2.6	6.1	10.2	4.6	1.2	.2					22.5	13.9
SSW	.2	1.0	1.8	1.5	.6	.1						5.3	10.8
SW	.3	.4	.5	.2								1.5	6.6
WSW		.2	.4	.3								1.1	8.8
W		1.0	1.0	.5								2.5	8.3
WNW	.2	.6	1.0	.3	.1							2.3	4.3
NW	.4	.4	.8	1.1	.1	.1						2.9	10.0
NNW	.4	.9	1.7	1.3	.6	.1						3.1	10.1
VARBL													
CALM												2.9	
	6.2	20.2	32.7	28.4	7.4	1.9	.2					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 987

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION MC23 MCCONNELL AFB KS STATION NAME 70.73-81 YEARS MAY MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.1	4.7	2.0	.3							11.4	7.6
NNE	.8	2.6	1.4	.8	.1							5.6	6.8
NE	.6	2.4	1.3	.3	.1							4.7	6.3
ENE	1.7	1.7	.9	.1								3.7	5.1
E	1.9	2.6	1.5	.5	.1	.1						6.5	6.2
ESE	1.6	2.0	.4	.6								5.0	5.5
SE	1.4	2.8	2.5	.8								7.4	6.3
SSE	1.2	3.3	6.8	5.8	1.3							19.6	9.3
S	1.4	2.7	3.9	5.2	1.6	.1						14.9	10.3
SSW	.3	1.0	1.4	.2								2.9	7.1
SW	.3	.6	.4	.4								1.6	7.1
WSW	.1	.5		.4		.1						1.2	8.3
W	.7	.2	.3									.9	5.6
WNW	.5	.2	.5									1.3	5.4
NW	.3	.2	.4	.3	.3							1.6	10.1
NNW	.5	.5	1.3	1.3	.2	.1						4.1	9.6
VARB													
CALM												7.0	
	15.4	27.1	27.1	18.9	4.1	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 70.73-81 YEARS MAY MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.7	.9	1.3	.3	.1						7.8	6.8
NNE	.2	2.2	1.4	.9								5.3	6.6
NE	1.1	2.6	.4	.1								4.2	4.6
ENE	1.9	1.7	.8	.1								4.5	4.4
E	2.8	3.7	1.7	.4	.1							8.1	5.3
ESE	1.5	1.3	.6	.5								4.0	5.4
SE	2.3	3.3	3.0	1.1	.2							9.9	6.7
SSE	1.7	5.1	7.9	3.8	1.1	.2						19.7	8.8
S	1.4	2.6	3.0	4.0	.6							11.7	9.2
SSW	.3	1.7	.2									2.7	4.0
SW	.3	.3	.1	.1								.9	5.3
WSW	.4	.3										.3	3.0
W	.3	.3	.5									1.2	5.6
WNW	.1	.3	.2									.0	5.2
NW	.4	.4	.8	.1								1.7	5.9
NNW	.5	.5	.3	.9	.2							2.5	4.9
VARBL													
CALM												14.5	
	18.7	28.8	21.9	13.3	2.6	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0023 STATION NAME MCCONNELL AFB KS YEARS 70-73-81 DAY MONTH

CLASS ALL WEATHER HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	2.7	2.5	.4	.1						2.3	8.6
NNE	.9	1.9	1.4	1.0	.1	.0	.0					2.3	7.4
NE	.7	1.7	1.1	.4	.1							4.0	6.4
ENE	1.0	1.1	1.3	.4								3.9	6.1
E	1.5	2.4	1.7	.6	.0	.0						8.3	6.0
ESE	1.4	1.5	1.0	.3	.0							4.2	5.5
SE	1.3	2.0	1.9	.7	.0							5.9	6.4
SSE	1.2	3.3	5.0	3.6	.6	.1	.0					13.8	9.0
S	1.2	3.1	5.6	7.4	2.4	.5	.0					20.2	11.1
SSW	.5	1.2	1.4	1.0	.3	.0						4.5	8.8
SW	.3	.7	.5	.3	.0							1.7	6.8
WSW	.3	.5	.3	.2		.0						1.3	6.2
W	.5	.7	.5	.2	.0	.0						1.9	6.5
WNW	.3	.5	.5	.3	.0							1.7	7.5
NW	.3	.6	.8	.7	.1	.0						2.6	9.0
NNW	.7	1.0	1.2	1.1	.2	.0						4.2	8.8
VARBL													
CALM												2.3	
	11.4	24.4	26.9	20.7	4.4	.8	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7434

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

3023 MCCONNELL AFB KS 69-70.73-80
STATION STATION NAME YEARS
ALL WEATHER
CLASS
0000-0200
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	2.2	.4	.2							5.9	6.2
NNE	.2	1.3	.8	1.0	.1							4.0	7.7
NE	.0	1.6	1.0	.2	.1							3.8	5.7
ENE	1.4	1.6	.2	.2								3.4	4.0
E	2.2	2.3	.8	.1								2.4	4.4
ESE	1.6	2.3	.7									4.6	4.5
SE	1.4	3.2	1.3	.2								6.2	5.3
SSE	1.2	4.7	6.1	4.8	.6	.1						17.4	8.8
S	1.6	2.9	7.2	9.7	2.6	.7	.1					24.7	11.2
SSW	.2	1.2	.9	.6								2.9	7.3
SW	.4	.2	.1	.1								1.2	4.1
WSW	.4	.1										.0	2.4
W		.7	.2	.2								1.1	7.6
WNW	.3	.2	.2									.8	5.0
NW	.2	.1	.3									.7	5.3
NNW	.2	.0	.8	.2								.1	6.6
VARBL													
CALM												15.2	
	14.8	24.9	22.9	17.8	3.6	.8	.1					102.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0-23 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS JUN MONTH
ALL WEATHER CLASS 1300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.3	1.4	1.7	.6		.1						5.9	6.5
NNE	1.2	.9	1.7	.4	.1							4.3	6.8
NE	1.1	1.7	1.0	.3								4.1	5.5
ENE	1.2	2.1	1.1	.1								4.6	5.0
E	2.4	1.4	.7	.1								4.7	4.2
ESE	1.6	1.8	.6	.1								4.0	4.6
SE	1.7	2.7	1.7	.2								6.2	5.3
SSE	1.3	4.5	2.9	3.2	.2							12.4	7.9
S	1.9	3.4	8.7	9.2	1.7	.6	.1					25.6	10.5
SSW	.4	.9	1.2	1.3	.2							4.1	9.1
SW	.6	.4										1.0	3.4
WSW	.4	.1										.6	3.4
W	.7	.2	.3									1.2	4.2
WNW	.1	.2	.2									.6	5.6
NW	.4	.2	.4									1.1	5.1
NNW	.4	1.0	1.1	.8								3.3	5.1
VARBL													
CALM												16.3	
	17.3	23.7	23.2	16.4	2.2	.7	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17523 STATION MCCONNELL AFB KS 69-70.73-80 YEARS JUN MONTH
ALL WEATHER CLASS 0600-2600 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	2.7	1.2		.1						9.6	8.0
NNE	.4	.7	1.7	1.2								4.2	5.8
NE	.5	1.8	1.1	.4								4.1	6.3
ENE	1.3	1.4	1.1									3.9	5.1
E	1.8	1.8	2.0	.3								5.9	5.8
ESE	.8	1.7	.8	.1								3.3	5.2
SE	1.1	1.7	2.6	.7								6.0	7.0
SSE	1.9	3.3	2.7	3.1								11.0	7.8
S	.9	4.3	8.4	11.3	2.3	.4	.1	.1				28.3	11.1
SSW	.6	.8	2.1	2.6	.1							6.1	9.6
SW	.3	.6	.1	.3		.1						1.4	8.2
WSW	.2	.2	.2									.7	5.3
W	.3	.6	.4	.1								1.4	5.8
WNW	.3	.3		.1								.8	4.9
NW	.2	.5	1.1	.2								2.1	7.7
NNW	.6	1.0	.7	.4								2.9	7.2
VARBL													
CALM												11.6	
	12.7	22.3	27.9	22.2	2.4	.7	.1	.1				100.3	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7923 STATION MCCONNELL AFB KS 69-70,73-80 YEARS JUN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	2.3	3.6								4.3	9.7
NNE	.8	.6	1.6	.9	.3							4.1	8.7
NE	.5	1.0	.9	.4								2.9	6.9
ENE	1.1	1.2	.8	.8								4.6	6.0
E	1.1	1.4	1.1	.1								3.8	5.3
ESE	.2	1.3	1.2	.4								3.2	7.1
SE	.4	1.4	1.4	1.1	.1							4.6	8.0
SSE	.9	2.2	3.4	4.6	1.1							12.2	10.1
S	.9	2.4	6.2	9.2	5.0	1.0						24.8	12.7
SSW	.7	2.1	2.7	5.3	1.2	.4	.2					12.7	11.8
SW	.2	1.0	1.7	1.9	.1	.1						5.0	9.7
WSW	.2	1.1	.7									2.2	5.7
W	.3	.8	.9	.2								2.2	7.1
WNW	.3	.2	.2	.3								1.1	7.6
NW	.2	.6	.4	.2								1.4	7.4
NNW	.3	.8	1.1	.3								2.6	7.7
VARBL													
CALM												4.6	
	2.0	20.2	27.1	29.4	7.9	1.6	.2					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0023 STATION NAME MCCONNELL AFB KS YEARS 69-70, 72-80 MONTH JULY
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	3.9	2.8	.2							4.8	9.4
NNE	.4	1.6	1.2	.7	.1							4.3	7.5
NE	1.1	1.2	.7	.9								3.9	6.8
ENE	.8	.7	1.0	.2								2.7	6.1
E	.9	2.2	.8	.3	.2							4.2	6.2
ESE	.3	.7	.7	.7								2.3	7.9
SE	.6	1.5	2.0	.9	.4							5.4	8.4
SSE	1.2	1.3	3.8	4.7	1.4							12.9	10.6
S	.6	2.6	4.8	11.2	5.6	1.8						26.4	13.6
SSW	.2	1.1	2.3	4.1	1.0	.9	.2					9.9	13.1
SW	.4	.6	1.0	1.3	.6	.1						4.0	10.9
WSW	.1	.6	.8		.2							1.7	8.0
W	.3	.8	1.0	.3	.1							2.5	7.8
WNW	.2	.6		.2								1.0	6.0
NW	.2	.3	.2	.2								1.0	7.1
NNW	.4	.9	1.3	.8	.1							3.6	8.1
VARBL													
CALM												5.7	
	9.8	17.8	25.4	29.3	10.0	2.8	.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

3423 STATION MCCONNELL AFB KS 69-70, 73-82 YEARS JUN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	3.0	2.7	.2							7.7	9.3
NNE	.4	1.3	2.6	1.0								3.3	7.7
NE	.4	1.2	1.9	.6								4.1	7.1
ENE	1.2	1.4	.4	.3								3.4	5.2
E	1.2	1.8	.9	.2		.1						4.2	5.7
ESE	.6	1.6	1.2	.2								3.6	6.0
SE	.6	1.9	2.6	1.0	.3							6.3	8.4
SSE	.6	1.8	3.8	7.9	1.9	.4	.1					16.4	12.1
S	.2	2.1	4.9	11.0	6.2	1.4	.1	.2				26.2	14.1
SSW	.4	1.1	1.4	2.3	1.3	.1						6.8	11.8
SW	.1	.8	1.1	.4	.3							2.8	9.4
WSW	.3	.7	.6	.3								1.9	6.8
W	.2	.6	.8		.1							1.7	6.9
WNW	.2		.6		.2							1.0	10.2
NW	.2	.8	.8	.6	.1							2.4	8.5
NNW	.1	.7	.6	1.1	.1							2.6	9.9
VARBL													
CALM												3.6	
	7.6	18.8	27.0	29.7	10.9	2.1	.2	.2				103.0	10.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

3923 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS JUN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.8	1.9								7.1	8.3
NNE	.4	1.4	2.0	1.0	.2							5.1	8.2
NE	1.7	1.2	1.7	.1								4.7	5.4
ENE	2.0	1.4	.7	.1								4.2	4.4
E	2.2	2.0	1.6	.2								6.9	5.1
ESE	.4	2.3	2.0	.3								5.1	6.9
SE	1.1	2.0	3.1	2.9	.3							9.4	8.6
SSE	.8	3.6	4.8	9.0	2.6	.2						20.9	11.3
S	.9	2.0	3.8	8.2	3.8	.6	.1					19.3	12.6
SSW	1.1	1.2	.8	1.1	.2	.1						4.6	8.0
SW	.4	.4	.2									1.1	4.2
WSW	.3		.2	.2								.8	7.6
W	.3	.4	.2									1.0	4.4
WNW		.1	.2									.3	7.0
NW		.4	.6	.7	.1	.1						1.9	11.1
NNW		.4	1.2	.2	.1							2.0	9.3
VARBL													
CALM												5.6	
	12.7	21.6	25.8	26.0	7.3	1.0	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS JULY MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	1.4	1.0	.2							5.0	7.8
NNE	1.0	1.6	1.3	.9	.1							4.9	7.2
NE	.9	1.2	1.0	.1								3.9	5.3
ENE	1.7	1.3	1.0									4.0	4.5
E	2.3	2.8	1.3	.2								6.7	4.8
ESE	1.3	2.1	1.8	.4								5.7	5.9
SE	2.0	2.7	4.1	.8	.1							9.7	6.5
SSE	1.8	3.8	9.0	7.1	1.1	.2						23.0	9.5
S	.9	2.3	4.3	9.3	2.0	.4						19.3	11.5
SSW	.3	.3	.4	.2								1.3	6.6
SW	.2	.4		.1		.1						.9	7.1
WSW	.1	.2	.3	.1								.8	7.1
W	.3	.2	.1		.1							.8	5.7
WNW	.2											.2	3.0
NW		.2	.3	.1	.2							.7	11.8
NNW		1.0	.4	.4	.1							2.9	6.9
VARBL													
CALM												11.0	
	13.4	22.9	27.0	20.9	4.0	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS
CLASS ALL WEATHER MONTH JUL
CONDITION HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	2.6	1.8	.1	.0						0.7	8.4
NNE	.7	1.2	1.6	.9	.1							4.5	7.8
NE	.9	1.4	1.2	.4	.0							3.9	6.1
ENE	1.3	1.5	.8	.2								3.8	5.1
E	1.8	2.1	1.1	.2	.0	.0						5.2	5.1
ESE	.8	1.7	1.1	.3								4.0	5.9
SE	1.1	2.1	2.3	1.0	.2							6.7	7.2
SSE	1.2	3.2	4.6	5.5	1.1	.1	.0					15.8	9.9
S	1.0	2.8	6.0	9.9	3.6	.9	.1	.0				24.3	12.2
SSW	.5	1.1	1.5	2.2	.5	.2	.1					6.0	10.8
SW	.4	.6	.5	.5	.1	.1						2.2	8.6
WSW	.3	.4	.3	.1	.0							1.1	6.3
W	.3	.5	.5	.1	.0							1.5	6.5
WNW	.2	.2	.2	.1	.0							.7	6.7
NW	.2	.4	.5	.2	.1	.0						1.4	8.3
NNW	.3	.8	.9	.5	.1							2.6	8.2
VARBL													
CALM												9.2	
	12.0	21.5	25.8	24.0	6.0	1.3	.1	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 7200

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7423 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS JUL MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	.1	.1								1.2	4.8
NNE	.8	2.0	1.0	.5								4.3	6.2
NE	1.5	1.3	.8	.1								3.7	4.8
ENE	1.6	1.7	.8									4.1	4.6
E	2.7	3.3	2.0		.1							8.2	5.0
ESE	1.3	2.5	.5									4.3	4.5
SE	1.5	2.6	2.8	.2								7.1	5.9
SSE	.8	4.8	10.1	3.2	.3							19.2	8.2
S	.8	5.3	13.7	9.2	1.5	.2						30.6	9.8
SSW	.4	.3	1.3	1.3								3.3	4.8
SW	.1	.3		.3								.8	8.1
WSW		.2	.2									.4	6.3
W		.2	.1									.3	6.3
WNW	.1	.2		.1								.4	6.0
NW	.1	.3	.2									.6	5.8
NNW	.2	.4	.1	.1								.9	5.5
VARBL													
CALM												10.5	
	12.2	26.2	33.7	15.3	1.9	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 3923 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH JUL
CLASS ALL WEATHER
CONDITION 3300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.9	.9	.4	.1							3.3	6.6
NNE	1.2	2.0	1.1	.3		.1						4.7	6.0
NE	1.2	1.4	.6	.1								3.3	4.9
ENE	.9	1.1	.2	.2								2.4	5.0
E	1.6	1.9	1.0									4.5	4.8
ESE	.5	1.4	.6									2.6	5.1
SE	2.2	2.9	1.1	.3								6.5	4.8
SSE	2.4	5.7	6.1	1.0								15.2	6.3
S	2.0	7.8	13.4	7.0	.5							36.9	8.4
SSW	.4	2.8	3.1	1.0	.1							7.4	7.5
SW	.2	1.0	.4	.1								1.7	5.8
WSW	.2	.1	.1									.4	4.0
W	.2	.4	.2									.9	4.5
WNW	.2	.2	.4									.9	6.2
NW	.1	.1	.4	.1								.8	7.4
NNW	.1	.2	.5	.2								1.1	7.9
VARB.													
CALM												13.5	
	14.5	30.0	30.3	10.8	.8	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2023 STATION NAME MC CONNELL AFB KS YEARS 69-70, 73-80 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 1600-2800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	.6	.4								3.3	6.0
NNE	.6	2.4	1.5	.2								4.7	5.7
NE	.4	1.6	.5									2.5	5.3
ENE	.6	1.5	1.1	.3								3.5	5.9
E	1.9	1.8	1.3	.1								3.2	5.2
ESE	.6	1.0	.1									1.7	4.3
SE	.6	2.4	1.1	.8								4.5	6.7
SSE	1.2	5.1	4.6	1.6								12.3	7.1
S	1.8	5.6	13.8	12.1	.5	.1						31.9	9.2
SSW	.6	2.5	4.3	2.7								10.1	6.3
SW		.7	.6	.1								1.4	6.9
WSW		.8	.2	.2								1.2	7.5
W	.4	1.2	.2									1.8	4.7
WNW	.3	.6	.2									1.2	5.3
NW		.3	.2									.5	6.4
NNW	.5	.9	.6	.4	.1							2.6	7.3
VARBL													
CALM												10.9	
	10.5	29.8	31.1	17.0	.6	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7423 STATION MCCONNELL AFB KS 69-7J, 73-80 YEARS JUL MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	2.7	1.5								3.5	7.9
NNE	.4	1.7	1.4	.5								4.1	6.8
NE	1.2	1.9	1.3	.6								5.1	6.0
ENE	.3	.9	1.3									2.5	6.1
E	.2	1.7	2.2	.4								4.5	7.5
ESE	.3	.4	1.0	.5								2.3	6.2
SE	.5	1.0	1.1	.2	.1							2.9	6.3
SSE	1.7	1.3	3.2	2.5	.2							3.2	8.9
S	1.0	3.2	17.1	12.8	1.3	.3						23.7	10.7
SSW	.3	1.2	5.2	8.2	1.3	.1						16.2	11.9
SW	.2	1.3	3.2	2.8	.1	.1						7.7	9.9
WSW	.4	.4	.4	.6								1.9	7.5
W	.6	1.1	.3	.4								2.5	6.5
WNW	.1	.4	.4									1.0	6.3
NW	.1	.1	.1	.1								.4	6.5
NNW	.4	.9	.5	.4								2.3	6.7
VARBL													
CALM												4.3	
	7.8	18.8	33.8	31.7	3.0	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION MC23 MCCONNELL AFB KS STATION NAME 69-70, 73-80 YEARS JUL MONTH
CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	2.2	1.2								5.5	7.
NNE	.5	1.2	1.3	.4								3.4	7.
NE	.3	1.5	1.9	.4								4.2	7.
ENE	1.1	2.3	1.8	.1								5.3	5.
E	.6	2.2	1.5									4.3	6.
ESE	.4	.9	1.1	.2								2.5	6.
SE	.2	2.6	2.2	.5	.1							5.6	7.
SSE	1.1	1.4	4.1	3.4	.2							10.2	9.
S	.6	2.4	8.6	17.6	3.8	.6						33.7	12.
SSW	.3	1.5	2.9	4.7	.6	.1						10.2	11.
SW	.4	.5	1.7	1.6	.4	.1						4.8	10.
WSW	.2	.2	.4	.6								1.5	9.
W	.6	.5	.3	.2	.1							1.5	6.
WNW	.1	.5	.2	.2								1.1	6.
NW	.1	.1	.1	.1								.4	6.
NNW	.1	.2	.8	.3	.1							2.2	6.
VARBL													
CALM												3.3	
	7.4	20.1	31.1	31.8	5.4	.9						100.0	9.

TOTAL NUMBER OF OBSERVATIONS 93

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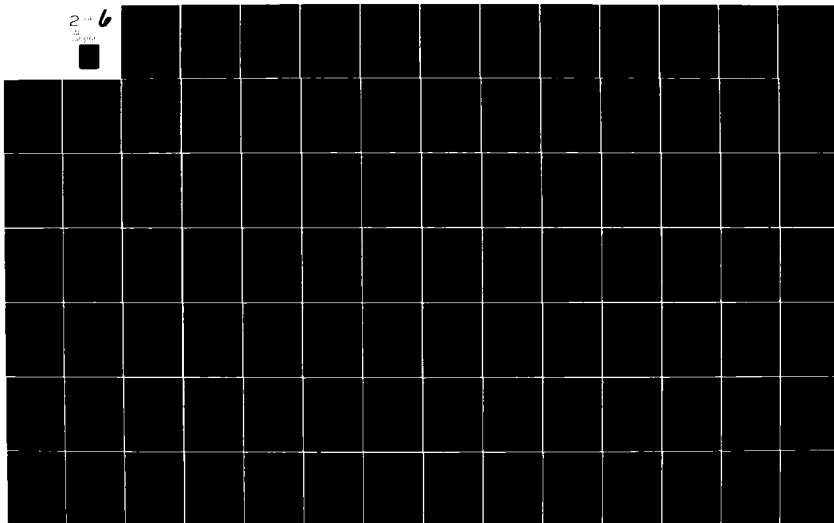
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MCCONNELL AFB, WICHITA, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/002

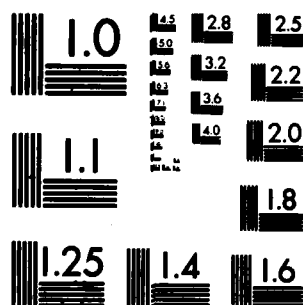
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2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

3923 MCCONNELL AFB KS 69-70, 73-80 JUL
STATION STATION NAME YEARS MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	2.0	.6								4.4	7.3
NNE	.5	1.2	1.9	.4	.1							5.0	7.2
NE	1.1	1.3	2.0	.1								4.5	6.2
ENE	1.2	1.9	1.0	.2								4.2	5.3
E	.5	3.4	2.3	.1								6.4	6.0
ESE	1.0	2.0	2.5	.1								5.6	6.4
SE	.6	1.6	2.6	1.4								6.2	8.0
SSE	.6	1.4	3.4	7.5	.9							13.9	11.2
S	.1	2.0	6.2	19.5	4.8	.3						33.0	13.0
SSW	.4	.4	2.0	3.7	.9							7.4	11.8
SW	.1	.3	.9	.9								2.2	9.4
WSW		.3		.4								.8	9.0
W		.2	.4	.1								.8	8.0
WNW	.1	.1	.1									.3	5.7
NW	.1	.8	.1									1.0	4.9
NNW	.1	.6	.9	.6								2.3	8.7
VARBL													
CALM												2.2	
	7.2	19.5	28.4	35.7	6.7	.3						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 929

2

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

69-72, 73-80

JUL
MONTH

ALL WEATHER
CLASS

1800-2100
HOURS (L.S.T.)

CONDITION

TOTAL NUMBER OF OBSERVATIONS

935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3523 STATION MCCONNELL AFB KS 69-70.73-80 YEARS JUL MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.5	.4								2.2	7.0
NNE	1.2	1.1	1.3	.4	.1							4.1	6.5
NE	2.4	1.3	1.3	.1								5.6	5.0
ENE	2.4	2.2	1.5	.2								6.2	5.1
E	1.8	3.4	1.3									6.6	4.7
ESE	2.8	2.0	1.8	.1	.1							6.9	4.9
SE	1.4	3.7	2.7	1.6								9.4	7.0
SSE	.8	4.3	14.6	6.9	.4							27.0	9.0
S	.3	3.7	8.1	7.6	1.5	.3						21.5	10.6
SSW		.3	.4	.2								1.0	8.2
SW			.1									.1	7.0
WSW		.3										.3	4.7
W		.2	.1									.3	6.7
WNW		.1	.1									.2	7.0
NW		.1	.2									.3	8.0
NNW		.1	.1	.2								.4	10.5
VARBL													
CALM												6.0	
	13.3	24.2	34.2	17.8	2.2	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 60-70, 73-80 YEARS JUL MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	1.2	.7	.0	.0						3.6	7.3
NNE	.8	1.7	1.5	.4	.0	.0						4.4	6.5
NE	1.1	1.6	1.3	.2								4.2	5.7
ENE	1.2	1.6	1.2	.2								4.2	5.4
E	1.6	2.7	1.7	.1	.0							6.0	5.4
ESE	1.0	1.5	1.2	.2	.0							4.0	5.7
SE	1.0	2.3	2.1	.9	.0							5.3	6.7
SSE	1.0	3.2	7.1	4.7	.4		.0					15.4	9.0
S	.9	4.0	10.1	11.8	2.1	.2						29.2	10.7
SSW	.3	1.2	2.5	2.9	.4	.0						7.3	10.2
SW	.1	.6	.9	.8	.1	.0						2.5	5.3
WSW	.1	.3	.2	.2								.8	7.6
W	.3	.5	.3	.1	.0							1.2	6.0
WNW	.1	.3	.2	.0								.7	6.1
NW	.1	.2	.2	.0								.5	6.2
NNW	.2	.5	.5	.3	.0		.0					1.5	8.1
VARBL													
CALM												7.0	
	10.4	23.5	32.0	23.5	3.1	.3	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

3923
STATION

MCCONNELL AFB KS
STATION NAME

60-70.73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	.8	.6								4.2	5.9
NNE	1.4	1.2	.6	.3	.1							3.7	5.4
NE	.8	1.4	.3	.2								2.7	4.9
ENE	1.1	2.4	.9	.2								4.5	5.4
E	2.6	3.3	.4	.1								6.5	4.1
ESE	1.6	1.4	1.0	.3								4.3	5.2
SE	1.0	4.3	2.5	.1								7.8	5.3
SSE	1.4	7.2	7.4	1.7								17.7	7.1
S	2.0	5.7	10.9	9.1	1.2							28.9	9.3
SSW	.4	.6	1.7	1.5								4.3	9.0
SW		.3	.2	.4								1.0	9.3
WSW	.1	.3	.1									.5	5.0
W	.1	.3		.1								.5	6.0
WNW				.2								.2	12.5
NW		.3										.3	5.7
NNW	.2	.3	.2	.1								.9	6.4
VARBL													
CALM												11.9	
	13.9	30.8	27.0	15.2	1.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 3923 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 AVG MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	1.1	.5		.1						4.9	6.3
NNE	1.4	1.6	.8	.2								4.3	5.2
NE	.4	.6	.3									1.4	4.7
ENE	1.9	1.5	.6	.1								4.2	4.5
E	3.1	2.9	1.4	.1								7.5	4.4
ESE	1.5	2.0	.2									3.8	4.1
SE	1.5	2.3	1.0	.1								4.8	4.9
SSE	2.2	8.2	4.0	.8								14.3	5.9
S	2.0	7.8	12.0	7.0	.9							29.8	8.6
SSW	.5	1.2	2.4	.5								4.5	7.5
SW	.5	.4	.3									1.3	4.6
WSW	.2	.2	.1	.1								.6	5.7
W	.6	.5										1.2	3.5
WNW	.2	.1	.2									.5	5.4
NW		.3	.4	.1								.9	7.6
NNW	.4	.3	.3	.3	.1							1.5	8.2
VARBL													
CALM												14.1	
	17.8	31.9	25.2	9.9	1.0	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70.73-80 AUC MONTH 1600-0800 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.0	1.4									4.2	5.7
NNE	.5	1.4	.4	.8								3.1	7.0
NE	.3	1.2	.8	.1								2.4	6.0
ENE	1.0	1.7	.8	.3								3.8	5.7
E	1.7	3.1	1.6	.1								6.6	5.2
ESE	.9	1.6	.9	.2								3.5	5.5
SE	1.0	2.0	1.1	.4	.2							4.7	6.2
SSE	1.2	7.2	5.3	1.1								14.7	6.7
S	1.9	8.4	12.6	9.7	.9							33.4	8.6
SSW	.3	1.5	3.0	1.2	.2							6.2	8.6
SW	.2	.2	.3	.1								.9	6.9
WSW	.2	.3	.1									.6	4.7
W	.2	.2	.1									.5	4.4
WNW			.1									.1	9.0
NW	.4	.4	.1	.2								1.2	5.9
NNW	.2	.9	.6	.1			.1					1.9	7.3
VARIABLE													
CALM												12.0	
	10.9	32.3	29.1	14.3	1.3		.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12423 STATION MCCONNELL AFB KS 69-70,73-80 YEARS
STATION NAME CLASS ALL WEATHER
CONDITION
AUG MONTH 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.7	.4								4.1	6.8
NNE	.4	1.3	1.6	.4	.1							3.9	7.5
NE	.3	1.6	.3	.1								2.4	5.3
ENE	.4	1.5	.9	.3								3.1	6.2
E	.6	1.5	1.6	.3								4.1	6.7
ESE	.5	1.2	.9	.2								2.8	6.2
SE	.3	1.4	1.8	.3								4.3	7.0
SSE	.4	2.8	4.7	1.4	.1							9.5	8.0
S	1.1	3.0	11.5	12.8	2.7	.3						31.4	11.1
SSW	.9	1.8	5.6	8.9	.8	.1						13.1	10.8
SW	.3	1.2	2.2	1.5	.2							5.4	8.9
WSW	.2	.5	.8	.1								1.6	6.6
W	.4	.5	.4									1.4	5.0
WNW	.3	.2										.5	3.4
NW	.4	.1	.3	.3								1.2	7.5
NNW	.3	.5	.5	.3								1.7	7.0
VARIABLE													
CALM												4.6	
	7.6	21.1	34.8	27.5	3.9	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1523 STATION MCCONNELL AFB KS 69-70.73-80 YEARS
ALL WEATHER CLASS 1200-1400 MONTH HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.7	1.3								4.3	6.0
NNE	.2	1.1	2.3	.3	.1							4.2	8.0
NE	.4	.5	1.5	.2								2.7	7.2
ENE	.9	1.3	.6	.1								2.9	5.1
E	1.2	1.9	1.3									4.2	3.5
ESE	.4	1.7	1.0	.1								3.2	6.2
SE	.3	1.6	1.7	.6								4.3	7.4
SSE	1.1	1.7	5.2	3.9	.2	.1						12.2	9.4
S	.9	2.5	9.5	16.0	5.1	.2						34.1	12.2
SSW	.5	1.7	3.0	5.4	1.3	.1						12.0	11.1
SW	.4	1.1	1.4	1.3	.1							4.3	6.9
WSW		.8	.4	.2								1.4	7.5
W	.2	.4	.5	.3								1.5	7.3
WNW	.4	.4		.2								1.1	5.4
NW		.2	.9	.1								1.2	8.1
NNW	.4	.3	.5	.3								1.6	6.7
VARBL													
CALM												4.5	
	7.8	18.5	31.5	30.8	6.8	.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

3923 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS AUG MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	2.6	1.1	.1							5.8	8.2
NNE	.3	1.4	2.4	.9	.1			.1				5.2	8.7
NE	.5	1.8	1.6	.2								4.2	6.2
ENE	.6	1.4	1.7	.2								4.0	6.6
E	1.0	2.0	1.5	.1								4.6	5.6
ESE	.3	.9	1.5	.2								2.9	7.2
SE	.4	2.0	2.5	.6								5.6	7.3
SSE	.3	2.5	6.3	4.8	.9	.2						15.1	10.3
S	.3	2.0	8.1	15.3	5.1	1.0						31.7	13.7
SSW	.4	.8	1.9	4.3	.9	.2						6.5	11.9
SW	.4	.3	.3	.3	.3							1.7	9.1
WSW	.2	.2	.4	.2								1.1	7.8
W	.3	.2	.1	.2								.9	6.1
WNW	.3	.5	.2	.1								1.2	5.5
NW	.5	.4	.9	.3	.1							2.3	7.7
NNW	.3	1.0	.9	.3								2.5	6.9
VARB.													
CALM												2.9	
	7.0	19.0	32.9	29.2	7.4	1.4		.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS AUG MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	2.8	.8								5.9	7.6
NNE	.5	1.4	2.3	.1		.1						4.4	7.1
NE	.9	1.8	1.9	.5								5.2	6.9
ENE	1.2	2.6	1.2	.3								5.3	5.7
E	1.5	4.6	1.3	.4								7.8	5.2
ESE	1.1	2.5	1.8	.1								5.5	5.6
SE	.4	3.7	5.3	.8								15.1	7.3
SSE	.1	6.0	9.2	6.1	.3							21.8	9.1
S	.2	2.4	6.2	10.9	1.8	.2						21.7	11.7
SSW	.2	.6	.9	1.7	.2							3.7	10.4
SW	.1	.1	.1	.3								.6	9.2
WSW		.1	.1	.1								.3	8.7
W	.1	.3	.1	.2								.3	7.6
WNW	.2		.1									.3	5.0
NW		.4										.4	4.8
NNW	.4	.2	.4	.4	.1							1.6	8.7
VARBL													
CALM												4.5	
	7.5	23.6	33.8	22.8	2.5	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS AUG MONTH
ALL WEATHER CLASS 100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	1.6	.5								4.5	6.6
NNE	.5	1.3	.9		.1							2.3	6.2
NE	1.1	1.7	.9	.3								4.0	5.6
ENE	1.9	3.1	1.4									6.3	4.6
E	2.2	4.5	1.8	.1								5.6	5.0
ESE	1.4	4.2	1.2	.1								6.9	4.9
SE	1.3	4.6	5.9	.1								11.9	6.3
SSE	1.3	6.0	13.1	4.0	.2							24.6	8.3
S	1.0	2.8	7.5	7.0	1.2	.1						19.6	10.1
SSW	.1	.6	.4	.6								1.8	8.5
SW	.1	.3	.1									.5	4.8
WSW													
W			.1									.1	10.0
WNW				.1	.1							.2	15.0
NW	.1		.2	.1								.4	6.5
NNW	.2	.3	.2									.6	2.0
VARBL													
CALM												6.3	
	12.3	30.9	35.4	13.0	1.6	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03423 STATION MCCONNELL AFB KS 69-70.73-80 YEARS AUG MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	1.7	.7	.0	.0						4.3	7.0
NNE	.7	1.3	1.4	.4	.1	.0		.0				3.2	7.0
NE	.6	1.3	1.0	.2								3.1	6.0
ENE	1.1	1.9	1.0	.2								4.3	5.4
E	1.7	3.0	1.4	.2								6.2	5.1
ESE	1.0	1.9	1.0	.2								4.1	5.5
SE	.8	2.8	2.7	.4	.0							6.7	6.6
SSE	1.0	5.2	6.9	3.0	.2	.0						16.3	8.1
S	1.2	4.3	7.8	11.0	2.3	.2						23.8	10.6
SSW	.4	1.1	2.4	3.0	.4	.1						7.4	10.3
SW	.3	.5	.6	.5	.1							2.0	8.3
WSW	.1	.3	.3	.1								.8	6.7
W	.3	.3	.2	.1								.9	5.3
WNW	.2	.2	.1	.1	.0							.5	6.1
NW	.2	.3	.3	.1	.0							1.0	7.2
NNW	.3	.5	.5	.2	.0		.0					1.6	7.2
VARBL													
CALM												7.7	
	10.6	26.6	31.2	20.3	3.2	.3	.0	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7523 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	3.8	1.1	.4							8.9	7.9
NNE	1.1	2.3	2.7	.7								6.3	6.7
NE	1.7	1.2	.6	.1								3.6	4.5
ENE	1.2	2.0	.6	.1								3.9	4.8
E	2.7	2.8	.9									6.3	4.2
ESE	1.6	1.9	.6									4.0	4.1
SE	1.7	4.1	.8	.7								7.2	5.2
SSE	1.6	6.3	4.8	3.7	.2	.1						16.7	7.8
S	2.7	6.0	5.1	6.0	1.8	.3						21.9	9.1
SSW	.3	.4	1.0	.4								2.2	7.6
SW	.4	.6	.7	.1	.1							1.9	7.2
WSW	.2	.2		.1	.1							.7	7.7
W	.4	.4	.1									1.0	4.2
WNW	.1	.1	.1									.3	4.7
NW	.1	.1	.1	.1								.4	7.0
NNW	.2	.3	.3		.1							1.0	6.8
VARBL													
CALM												13.2	
	17.0	31.4	22.0	13.1	2.8	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 323 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.2	3.6	2.1	.1							10.1	7.7
NNE	.8	2.2	1.4	.8	.1							5.3	7.2
NE	1.1	1.9	1.0	.1								4.1	5.1
ENE	2.0	1.3	.6									3.9	4.1
E	1.6	2.2	1.7	.2	.1							5.8	5.5
ESE	1.1	1.4	.2									2.8	4.0
SE	2.8	3.0	.2									6.0	3.8
SSE	3.6	4.8	2.9	2.1	.1							13.4	6.5
S	3.4	6.0	5.6	6.3	1.1	.1						22.6	8.7
SSW	.1	1.7	1.0	.4								3.2	7.2
SW		.6	.4									1.0	6.9
WSW	.2	.1	.1									.4	4.0
W	.1	.4	.1									.7	5.5
WNW	.1	.1										.2	4.0
NW	.3	.3	.1									.8	4.3
NNW	1.1	1.2	.6	.2								3.1	5.4
VARBL													
CALM												16.6	
	19.4	30.6	19.4	12.3	1.6	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 05923 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH SEP
CLASS ALL WEATHER
HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.9	5.6	2.1	.1							11.4	6.0
NNE	1.0	1.9	1.9	.9	.3							6.0	7.8
NE	1.2	.7	.9	.4								3.2	5.9
ENE	1.8	1.1	1.0									3.9	4.5
E	2.0	2.8	2.0	.3								7.1	5.5
ESE	1.3	1.9	.6	.1								3.9	4.7
SE	1.2	3.3	.8	.4								5.8	5.4
SSE	2.0	4.6	3.2	1.9	.1							11.8	6.9
S	2.0	5.0	7.4	6.6	1.8							23.7	9.2
SSW	.1	1.5	.6	.2								2.4	6.3
SW	.1	.3	.3									.8	5.9
WSW	.1	.3										.4	4.8
W	.3	.7										1.0	3.8
WNW	.3	.1	.2	.1								.8	5.3
NW	.3	.2	.2									.3	5.3
NNW	.4	1.2	.9	.3								2.9	6.4
VARBL													
CALM												14.1	
	15.1	29.4	25.6	13.4	2.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23 STATION MCCONNELL AFB KS STATION NAME 69-70, 73-80 YEARS SEP MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.4	2.3	3.4	3.9	.3							10.9	9.3
NNE	.4	1.0	2.9	2.4	.3							7.1	9.9
NE	.4	.8	1.4	.7								3.3	7.8
ENE	.8	1.2	1.3	.3								3.7	6.4
E	.7	2.2	1.9	.3								5.1	6.0
ESE	.8	1.2	.4	.7								3.1	6.4
SE	.4	1.1	1.7	.6								3.9	7.5
SSE	.6	2.7	3.9	2.7	.2							10.0	8.9
S	.6	4.1	9.6	8.9	3.4	.7						27.2	11.2
SSW	.2	2.0	3.0	2.6	.7	.1						8.6	10.2
SW	.3	1.2	1.3	.7								3.6	7.5
WSW	.7	.8	.6	.3								2.3	6.2
W	.7	.4	.2									1.3	3.9
WNW	.6	.2	.3	.1								1.2	5.3
NW	.1	.4	.3	.3								1.2	6.3
NNW	.3	.7	1.4	.9								3.3	8.3
VARIABLE													
CALM												4.2	
	8.0	22.9	33.8	25.3	5.0	.8						101.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7523 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 SFP SEP
MONTH 1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	4.0	4.3	.4							10.5	10.2
NNE	.2	2.1	2.1	2.1	.3							6.9	9.5
NE	.4	.7	1.9	.6								3.6	7.9
ENE	.1	1.9	1.3	.1								3.4	6.5
E	.8	2.2	1.9	.2								5.1	6.2
ESE	.3	1.6	.9									2.8	5.7
SE	.3	.9	1.1	.3	.1							2.8	7.6
SSE	.4	2.7	3.0	3.9	.8	.1						10.9	10.1
S	.6	4.0	8.1	10.0	3.9	1.2						27.8	11.8
SSW	.4	2.1	3.2	3.0	1.4	.6						10.8	11.2
SW	.1	.6	1.2	.8	.1							2.5	9.2
WSW	.4	.6	.7	.2								1.9	6.5
W	.2	.9	.2	.1								1.4	5.3
WNW	.3		.1	.1								.6	5.0
NW	.4	.2	.4	.8								1.9	8.7
NNW	.2	.3	1.0	1.2								2.9	9.8
VARBL													
CALM												3.9	
	6.2	21.9	31.2	27.8	7.1	1.9						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS SEP MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	3.7	3.1	.4							2.8	9.2
NNE	.7	1.8	3.4	1.6	.3							7.8	8.7
NE	.7	1.0	.9	.9								3.4	7.5
ENE	.3	1.6	1.2	.3								3.4	6.7
E	1.2	3.0	2.4	.1								6.8	5.8
ESE	.4	1.2	1.3	.2								3.2	6.3
SE	.7	2.4	2.2	.7	.1							6.1	7.1
SSE	.4	1.9	4.8	4.2	1.6	.2						13.1	10.7
S	.4	3.3	6.1	8.6	3.0	1.7						23.1	12.1
SSW	.6	1.2	2.7	3.0	1.0	.3						8.8	11.3
SW	.7	.8	1.0	.3								2.9	6.8
WSW	.2	.6	.2	.1								1.1	5.4
W	.2	.6	.2	.1								1.1	5.6
WNW		.2	.8	.1								1.1	8.5
NW	.3	.3	.6	.4								1.7	7.4
NNW	.3	.6	1.3	.9	.3							3.4	9.7
VARBL													
CALM												3.1	
	8.1	22.1	32.9	24.7	6.8	2.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS SEP MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	3.2	1.9	.8							5.1	9.4
NNE	2.0	2.3	2.2	1.1	.2							7.9	6.9
NE	.8	1.8	1.0	.7								4.2	6.3
ENE	1.3	2.3	1.0	.2								4.9	5.4
E	2.0	4.9	1.4	.2								3.6	5.0
ESE	1.1	2.4	.8									4.3	4.9
SE	1.9	4.7	2.4	.7	.2							9.9	6.2
SSE	.9	6.7	7.8	3.4	1.0							19.8	8.6
S	.4	3.8	5.9	3.7	1.1	.2						15.1	9.7
SSW	.1	1.6	1.2	.2								3.1	6.9
SW		.4	.3									.5	6.3
WSW	.2	.3										.6	3.4
W	.6	.7	.1	.1								1.4	5.0
WNW	.2	.1	.1									.4	5.0
NW		.2	.4	.2								.9	8.6
NNW	.1	.3	.7	.1								1.2	7.5
VARBL													
CALM												8.8	
	12.3	34.1	28.7	12.6	3.3	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS SEP MONTH
100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	2.4	1.3	.1							7.7	7.3
NNE	1.6	1.8	2.3	.8								6.4	6.7
NE	1.1	2.7	.8	.3	.1							5.0	5.4
ENE	1.8	2.0	.8									4.6	4.4
E	2.6	4.0	1.7	.3								8.6	5.0
ESE	2.0	3.4	.4	.1								6.0	4.4
SE	1.0	6.0	2.4	.4								9.9	5.8
SSE	1.4	7.2	4.8	5.0	.6	.3						19.3	8.5
S	1.6	4.0	4.9	3.4	1.1	.6						15.6	9.4
SSW	.3	1.1	.7									2.1	5.0
SW	.4		.6									1.0	4.9
WSW	.2	.1										.3	3.3
W	.6	.3	.1									1.0	3.6
WNW	.1	.1										.2	2.5
NW	.1		.2	.1								.4	3.5
NNW	.2	.2	.3	.1								.9	6.6
VARBL													
CALM												11.0	
	16.0	35.8	22.4	12.0	1.9	.9						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 3523 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3	3.7	2.5	.3							9.7	9.7
NNE	1.0	1.9	2.4	1.3	.2							6.8	9.0
NE	.9	1.3	1.1	.5	.0							3.8	6.2
ENE	1.2	1.7	1.0	.1								4.0	5.3
E	1.7	3.0	1.7	.2	.0							6.7	5.3
ESE	1.1	1.9	.7	.1								3.8	5.0
SE	1.3	3.2	1.5	.5	.1							6.4	5.9
SSE	1.4	4.6	4.4	3.4	.6	.1						14.4	8.5
S	1.5	4.6	6.6	6.7	2.2	.6						22.1	10.3
SSW	.3	1.5	1.7	1.2	.4	.1						5.2	9.6
SW	.3	.6	.7	.2	.0							1.8	7.2
WSW	.3	.4	.2	.1	.0							1.0	5.7
W	.4	.6	.1	.0								1.1	4.6
WNW	.2	.1	.2	.1								.5	5.7
NW	.2	.2	.3	.3								1.0	7.5
NNW	.4	.6	.8	.5	.1							2.3	7.8
VARBL													
CALM												9.4	
	12.6	28.5	27.0	17.7	3.8	.8						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 223 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH JCT
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.3	1.6	3.5	.6							10.8	6.5
NNE	1.0	1.7	1.5	.2	.1							4.5	6.3
NE	1.0	1.9	.8	.5	.1							4.3	6.2
ENE	.8	.6	.3	.2								1.9	5.3
E	1.8	2.0	.5	.1								4.5	4.5
ESE	.8	1.8	1.4	.1								4.1	5.7
SE	1.1	2.6	1.7	.5	.1							6.0	6.2
SSE	1.2	5.5	3.5	4.5	.6							15.4	8.7
S	2.2	4.6	4.1	7.1	1.6	.8						24.3	10.0
SSW	.6	1.2	1.1	.5								3.4	6.9
SW	.3	.8	.4	.1								1.6	5.7
WSW	.3	.4		.1								.9	4.9
W	.5	.6										1.2	3.5
WNW		.5	.3	.2								1.1	6.9
NW		.8	.5		.3							1.6	9.0
NNW	.9	1.7	.4	1.1	.3							4.4	7.9
VARBL													
CALM												14.0	
	14.5	29.7	18.3	18.9	3.9	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3923 STATION MCCONNELL AFB KS 9-73, 73-80 YEARS OCT MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	3.2	4.1	.9		.2					12.5	9.5
NNE	.9	1.4	1.1	.8								4.1	6.9
NE	1.2	1.0	.9	.5								3.3	6.2
ENE	.6	.6	.8	.1								2.2	6.0
E	1.5	1.8	.2									3.5	4.0
ESE	.8	1.8	.8									3.3	5.0
SE	1.6	2.4	1.2	1.0	.2							5.3	6.7
SSE	1.0	4.5	2.9	3.5	.4	.1						12.5	8.6
S	2.6	5.6	4.6	7.0	1.1	.8						21.6	9.4
SSW	.6	1.8	.4	.2	.1							3.2	5.9
SW	.5	.6										1.2	3.7
WSW	.5		.1									.6	3.0
W	.2	.3										.5	4.0
WNW		.6										.6	4.8
NW	.3	1.1	.9	.3	.4		.1					3.1	9.2
NNW	.3	1.7	1.1	1.0	.4							4.5	5.6
VARBL													
CALM												16.8	
	14.3	27.6	18.1	18.5	3.5	.9	.3					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70.73-20 OCT
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0600-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	3.5	4.5	1.1							12.7	9.7
NNE	.5	1.4	1.8	.5	.5							4.8	6.4
NE	1.2	.8	1.1	.1								3.1	5.2
ENE	.5	.5	.9	.2	.1							2.3	7.2
E	1.4	1.8	.6									3.9	4.5
ESE	.8	1.5	1.2	.4								3.9	6.5
SE	1.1	1.2	1.8	.5		.3						4.9	7.6
SSE	1.5	4.3	4.1	3.5	.2							14.3	8.1
S	1.6	5.5	5.4	7.7	2.2	.3						22.7	10.2
SSW	.3	1.0	1.1	.3								2.7	7.1
SW	.6	.4	.2		.1							1.4	5.0
WSW	.4	.2										.6	3.2
W	.4	.5	.1									1.1	4.3
WNW	.3	1.0	.1									1.4	4.5
NW	.2	.8	.9	.2	.1	.3						2.5	9.7
NNW	.6	1.4	1.8	.6	.1		.1					4.7	3.1
VARBL													
CALM												13.0	
	13.1	24.9	24.6	18.8	4.4	1.0	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS 001 MONTH 0000-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	3.4	6.6	1.3	.1						14.0	10.8
NNE	.1	.5	1.1	1.8	.2	.1						1.9	11.2
NE	.4	.8	1.2	.5	.1							2.0	8.0
ENE	.7	.5	.6									1.4	6.2
E	.5	1.7	1.2	.4								3.9	6.6
ESE	.3	1.0	.5	.1			.1					2.0	7.4
SE	.2	1.1	1.8	1.2	.2		.1					4.6	9.7
SSE	.6	1.5	2.3	3.1	.6	.1						3.3	10.2
S	.3	3.5	7.8	9.2	5.2	1.8	.1					20.1	12.7
SSW	.2	1.3	1.9	3.9	.6	.2						4.2	11.4
SW	.3	.9	1.0	.4	.2							2.8	8.2
WSW	.4	.9	.6	.2	.1							2.3	7.0
W	.6	1.3	.2	.2								2.4	5.5
WNW	.3	.9	1.0	.2	.1							2.5	7.6
NW	.2	.9	.9	.9	.5							3.3	10.1
NNW	.3	1.4	1.6	1.0	.2	.1						4.6	8.7
VARBL													
CALM												4.2	
	5.7	19.9	27.2	29.8	9.5	2.5	.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4-23 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS 267 MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	4.3	7.0	.4							12.4	11.2
NNE	.4	.4	1.5	2.3	.4	.1						6.2	11.2
NE	.3	.6	.8	.6	.1							6.2	8.3
ENE	.1	.4	.3									8.0	5.0
E	.3	1.2	.6	.1								12.4	9.1
ESE	.3	.2	.2	.3								1.1	7.0
SE	.1	.9	.9	1.3	.2							3.7	9.9
SSE	.4	1.2	3.3	1.8	1.4	.3						8.5	11.9
S	.6	3.4	5.3	9.7	5.6	3.1	.8					27.5	14.1
SSW	.3	1.7	3.0	2.9	1.4	.4	.1					9.9	11.8
SW	.3	1.0	1.3	1.1	.8							4.4	10.6
WSW		1.2	.8	.2								2.2	6.9
W	.5	1.1	.5	.3								2.5	6.1
WNW	.2	.2	.5	.1								1.1	7.0
NW	.5	.6	1.3	1.1	.2							3.8	9.4
NNW	.4	2.0	1.4	3.1	.4							7.4	10.0
VARBL													
CALM												4.2	
	5.7	17.3	26.0	31.0	11.0	4.0	.9					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7523 STATION MCCONNELL AFB KS 69-71, 73-80 YEARS OCT MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	3.9	5.4	.9	.1						12.2	11.2
NNE	.3	1.6	2.3	1.3	.1							5.6	8.3
NE	.2	.3	1.0	.8								2.7	8.0
ENE	.3	.4	.4	.1								1.3	6.2
E	.6	.8	1.0									2.4	5.8
ESE	.2	.3	.4	.3								1.3	7.8
SE	.2	.0	1.3	1.5	.2							4.0	9.0
SSE	.9	1.3	3.9	4.6	.9	.4						11.9	10.9
S	1.3	2.6	5.2	8.5	4.8	3.4						26.0	13.5
SSW	.6	1.0	1.6	1.4	1.0	.1						5.7	10.2
SW	.5	1.2	1.6	.6	.2							4.2	8.1
WSW	.4	.5	.6	.1								1.7	6.1
W	.3	1.5	.8	.9	.1							3.5	6.3
WNW		1.2	.6	.4	.1							2.4	6.0
NW	.5	1.2	1.6	1.4		.1						4.8	8.7
NNW	.2	1.6	2.3	2.8	.5							7.4	10.1
VARBL													
CALM												2.9	
	6.8	18.8	28.4	30.1	8.8	4.2						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7923 STATION NAME MCCONNELL AFB KS YEARS 62-70, 73-80 MONTH 001
CLASS ALL WEATHER
CONDITION 1900-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.6	3.7	3.7	2.5	1.2							13.5	8.2
NNE	1.3	1.5	1.2	.3	.3							4.6	6.8
NE	.9	.9	.8	.5								3.2	6.5
ENE	.3	.6	.2	.2								1.4	6.4
E	1.4	1.8	.4		.1							3.9	4.7
ESE	1.7	1.7	.6									4.1	4.6
SE	1.3	3.3	2.7	1.3								9.3	6.6
SSE	1.7	3.2	5.6	3.8	.9							14.9	8.9
S	1.1	4.5	2.9	6.0	1.4	.3						16.2	10.2
SSW	.3	1.2	.9	.1								2.9	5.6
SW	.4	.1	.1									.6	4.0
WSW	.2	.1	.2	.2								.3	6.9
W	.3	1.2	.5									1.8	2.2
WNW	.2		.2									.4	6.3
NW	.4	.8	.2	.3	.3	.1						2.2	9.1
NNW	.3	1.9	1.4	.9	.4							4.9	8.4
VARB													
CALM												15.7	
	14.9	26.6	21.6	16.1	4.6	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 69-70.73-80 YEARS 05T MONTH
CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.1	2.8	1.2	1.7	.1						10.6	6.5
NNE	1.6	2.7	1.9	.6	.1	.1						7.1	6.7
NE	.4	1.1	1.0	.2	.1							2.8	7.3
ENE	.5	.9	.2									1.6	4.3
E	1.7	2.9	1.4									5.9	4.9
ESE	1.2	2.2	1.6	.3								5.3	5.6
SE	.2	3.8	1.9	.9	.1							7.5	6.8
SSE	.9	4.8	4.6	5.4	1.1	.1						16.9	9.4
S	1.5	2.3	2.9	6.3	1.7	.4						15.2	11.0
SSW	.9	1.4	.8	.6								3.7	6.2
SW	.5	.3	.1									1.0	3.7
WSW		.3	.1									.4	5.3
W	.1											.1	2.0
WNW	.1	.1	.3	.1								.6	7.3
NW	.1	.8	.2		.1							1.2	6.8
NNW	.6	1.4	.2	.6	.9	.1						3.9	9.7
VARBL													
CALM												16.2	
	12.8	27.8	20.1	17.1	5.1	.9						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2923 STATION NAME MC CONNELL AFB KS YEARS 69-70, 73-80 OCT MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	3.3	4.4	.9	.0	.0					12.5	9.8
NNE	.6	1.4	1.5	1.0	.2	.0						3.5	8.1
NE	.7	1.0	.9	.5	.1							3.1	6.9
ENE	.4	.6	.5	.1	.0							1.6	6.0
E	1.2	1.7	.8	.1	.0							3.5	5.0
ESE	.8	1.3	.8	.2			.0					3.1	5.8
SE	.9	2.0	1.7	1.0	.1	.0	.0					5.7	7.6
SSE	1.0	3.3	3.8	3.8	.8	.1						12.8	9.3
S	1.4	4.0	4.8	7.6	2.9	1.4	.1					22.2	11.6
SSW	.6	1.3	1.3	1.2	.4	.1	.0					5.0	9.3
SW	.5	.7	.6	.3	.2							2.2	7.6
WSW	.3	.5	.3	.1	.0							1.2	6.0
W	.4	.8	.3	.2	.0							1.6	6.0
WNW	.1	.6	.4	.1	.0							1.3	6.9
NW	.3	.8	.8	.5	.3	.1	.0					2.5	9.2
NNW	.5	1.7	1.3	1.4	.4	.0	.0					5.2	9.1
VARBL													
CALM												10.9	
	11.1	24.1	23.0	22.5	6.3	1.8	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7523 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS NOV MONTH
CLASS ALL WEATHER 1990-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.8	3.1	.9	.6	.1	.1				10.3	11.1
NNE	.8	1.8	3.2	.9	.3							7.0	8.1
NE	.3	2.0	.6	.4	.2							3.0	7.3
ENE	.7	.7	1.0	.1								2.4	6.3
E	1.2	1.0	.9									3.1	4.6
ESE	.7	.4	.6									1.7	5.1
SE	.7	.6	1.1	.4								2.8	6.6
SSE	1.6	4.0	1.8	2.6	.3	.3						10.6	8.1
S	3.0	5.2	5.2	5.1	1.4	.1						20.1	8.6
SSW	1.2	1.9	1.3	.7	.1	.1						5.3	6.9
SW	.2	.7	.1	.1								1.1	5.4
WSW	.4	.7		.3								1.4	6.0
W	.8	1.3	.3									2.4	4.5
WNW	.2	.8	.3	.6	.1	.1						2.1	8.9
NW	.1	1.6	2.4	.7	.6	.6						5.9	10.7
NNW	.4	1.1	2.0	3.0	.6							7.1	10.5
VARBL													
CALM												15.0	
	13.0	25.8	23.7	18.0	4.6	1.8	.1	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1023
STATION

MC CONNELL AFB KS
STATION NAME

69-70.73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

3300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	3.2	2.4	1.1	.7	.1					12.3	10.8
NNE	.9	1.6	3.1	1.7	.1	.1	.1					7.6	8.9
NE	.4	1.2	1.3	.4	.2							3.7	7.3
ENE	1.0	.8	.3	.1								2.2	5.2
E	.6	1.6	1.1	.1								3.6	5.6
ESE	.9	1.2	.6									2.7	5.1
SE	.7	.9	.6	.2								2.3	5.2
SSE	.9	4.7	2.2	2.1	.2	.2						9.7	8.0
S	1.9	6.8	2.9	5.0	1.7	.2						16.4	9.1
SSW	1.0	2.3	1.1	.8	.2							2.4	6.7
SW	.2	.8	.1	.1								1.2	5.4
WSW	.6	.4		.1								1.1	4.6
W	.7	1.7	.2	.2								2.8	5.2
WNW	.2	.7	1.1	.4								2.4	7.9
NW	.1	1.1	2.0	1.0	.2	.3	.1	.1				5.2	11.3
NNW	.7	1.2	1.9	2.2	1.6	.2						7.8	11.3
VARBL													
CALM												13.3	
	11.7	28.4	21.6	17.0	5.3	1.8	.3	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7523 STATION MCCONNELL AFB KS 69-73.73-80 YEARS NOV MONTH
ALL WEATHER CLASS 1600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.0	3.0	3.2	1.3	.7	.1					11.2	11.4
NNE	.4	2.0	2.4	1.7	.2							6.3	5.8
NE	.4	1.2	.8	1.0								3.4	7.5
ENE	.7	.8	.4									1.9	4.9
E	.9	1.4	.9	.1								3.3	5.3
ESE	.9	.9	.9									2.6	5.9
SE	.6	1.8	1.2	.6								4.1	7.1
SSE	.9	3.6	2.1	1.1		.1						7.8	7.3
S	1.9	4.7	4.7	5.8	1.2	.1						18.3	9.4
SSW	1.3	2.1	1.0	1.2								5.7	7.0
SW	.4	.7	.2	.1								1.4	5.2
WSW	.7	.8	.1	.2								1.3	4.9
W	1.2	1.2	.3									2.8	3.9
WNW	.4	.9	1.6	.4								3.3	7.5
NW	.2	1.3	1.1	1.9	.5	.1	.1					5.3	10.9
NNW	.4	1.7	2.1	2.2	.8	.4						7.7	11.0
VARBL													
CALM												12.6	
	12.3	26.9	22.9	19.6	4.1	1.4	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 MCCONNELL AFB KS 69-70, 73-80 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	3.9	5.2	1.4	.6						14.2	11.0
NNE	.3	1.1	2.4	2.3	.1	.2						6.6	10.2
NE	.2	.3	1.3	.2	.1							2.2	9.2
ENE	.7	.9	.7	.2								2.4	6.0
E	.5	.8	1.4	.4								3.2	7.0
ESE	.6	.4	.8	.2								2.0	6.4
SE	.3	1.3	1.2	.7	.1							3.7	7.9
SSE	.3	1.2	2.2	2.9	.7							4.3	10.1
S	.2	1.9	5.3	6.4	1.9	1.2	.1					17.8	11.9
SSW	.7	1.4	2.9	2.8	.9	.2						8.9	10.5
SW		.3	.8	.4	.2							1.8	10.4
WSW	.4	.7	.8	.3								2.2	6.6
W	.8	.8	.8	.8								3.1	7.1
WNW	.1	.3	1.2	.7	.1	.2						2.7	11.0
NW	.6	.4	2.6	1.8	.8	.2						6.3	11.2
NNW	.6	1.3	2.4	2.9	2.2	1.0						10.7	12.6
VARBL													
CALM												4.2	
	8.3	16.7	30.8	28.3	8.6	3.7	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS NOV MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	3.1	6.9	1.4	.6						13.4	12.3
NNE	.1	.9	2.0	2.4	.3	.2						5.0	10.9
NE	.1	.9	1.3	.6								2.9	8.0
ENE	.3	.4	1.0	.3								2.1	7.2
E	.4	.7	.7	.3								2.1	6.5
ESE	.4	.7	.7	.2								2.0	6.8
SE	.2	.6	.8									1.6	6.5
SSE	.4	.6	2.1	2.9	.9	.1						7.0	11.4
S	.4	1.6	4.3	6.3	2.7	1.1	.4					16.9	13.3
SSW	.8	1.0	2.6	5.8	1.3	.3	.2					12.0	12.2
SW	.6	.6	1.4	1.3	.3							4.2	9.4
WSW	.1	.9	1.1	.7								2.3	8.0
W	.6	1.3	1.4	1.1	.1							4.6	8.3
WNW	.3	.4	1.1	.9	.6	.2						3.6	11.3
NW	.2	.7	1.3	1.9	1.2	.3						5.7	13.2
NNW	.1	1.1	3.2	3.1	2.4	.8						15.8	13.2
VARBL													
CALM												2.4	
	5.6	13.3	28.2	34.8	11.3	3.7	.7					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS NGV MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.7	2.4	3.8	6.4	1.6	.4	.1					12.4	11.6
NNE	.4	1.1	2.1	2.2	.2							2.1	9.6
NE	.3	1.4	1.0	.1								2.9	5.0
ENE	.1	1.1	.7									1.9	6.0
E	.7	.7	.4									1.8	4.6
ESE		.9	.9	.2								2.0	5.0
SE	.1	.7	.8	.2								1.8	7.2
SSE	.7	.9	2.1	3.3	.6	.1						7.7	12.4
S	.9	2.1	6.2	5.4	2.4	1.3	.1					18.6	12.0
SSW	.3	1.9	2.8	3.3	.3	.2						4.9	10.2
SW	.2	1.0	1.3	1.2	.2							4.0	9.3
WSW	.3	1.0	.8	.3	.1							2.6	7.4
W	.7	1.0	2.2	.6								4.4	7.1
WNW	.2	.4	1.1	1.0	.3	.1	.1					3.3	11.4
NW	.2	.7	1.3	1.6	1.2							5.0	12.1
NNW	.1	1.8	2.1	3.9	2.0	.4						10.3	12.4
VARB													
CALM												3.3	
	6.0	19.1	29.7	29.9	9.0	2.7	.3					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3523 STATION MCCONNELL AFB KS 69-70, 73-81 YEARS NOV MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.2	4.3	4.2	1.1	.2	.3					14.3	10.4
NNE	.6	1.2	2.4	.9	.3							3.4	8.5
NE	.9	.9	.4	.2								2.4	5.1
ENE	1.0	1.3	.2									2.6	3.9
E	1.6	1.4	1.3									4.3	5.1
ESE	1.0	1.0	.3									3.2	4.5
SE	.8	1.3	.4		.2							2.3	5.7
SSE	2.0	4.1	3.8	2.2	.4							12.6	7.6
S	1.6	4.2	5.9	2.8	1.1	.4						16.0	8.9
SSW	.1	1.2	.7	.4	.1	.1						2.7	8.5
SW	.4		.3	.1	.1							1.0	7.1
WSW	.6	.8	.1	.4								1.9	6.6
W	.3	1.1	.3	.1								1.9	5.5
WNW	.1	.3	.4	.1	.2							1.7	7.8
NW	.4	.7	2.3	1.0	.3							4.6	9.2
NNW	.3	3.1	2.0	2.8	.9							9.6	9.2
VARBL													
CALM												12.9	
	11.0	27.3	25.4	15.3	4.9	.8	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1023 STATION NAME MCCONNELL AFB KS YEARS 62-73-80 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 1200-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	3.2	3.7	1.7	.2	.3					12.3	16.4
NNE	.6	2.4	2.2	1.6	.2							7.0	5.2
NE	.7	1.2	.8	.3								3.0	6.2
ENE	.7	1.1	.3	.1								2.2	4.9
E	1.4	1.9	1.0									4.3	4.8
ESE	.7	.7	.8									.1	5.4
SE	1.0	1.2	1.7	.1								4.0	5.7
SSE	.2	5.2	2.8	1.4	.1	.1						10.4	7.1
S	2.0	3.9	4.6	5.3	2.0	.8						10.6	10.2
SSW	.2	1.3	.6	.7								3.7	6.5
SW	.3	1.0	.2	.2	.1							1.9	6.6
WSW		.2		.2								.4	10.5
W	.6	1.3	.3	.2								2.4	5.6
WNW	.3	.3	.4	.3	.1		.1					1.7	9.2
NW	.2	.9	2.0	.8	.3	.1						4.3	9.8
NNW	.3	3.1	2.3	2.6	1.1							9.4	9.6
VARBL													
CALM												12.1	
	11.6	28.7	23.4	17.6	5.0	1.2	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6723 STATION MCCONNELL AFB KS 69-70, 73-69 YEARS NOV MONTH ALL HOURS (L.S.T.)
ALL FEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	3.4	4.4	1.2	.5	.1	.0				13.7	11.1
NNE	.5	1.5	2.5	1.7	.2	.1	.0					5.6	9.1
NE	.4	1.2	.9	.4	.1							3.0	7.0
ENE	.6	.9	.6	.1								2.2	5.5
E	.9	1.2	1.7	.1								3.2	5.4
ESE	.6	.9	.7	.1								2.3	5.8
SE	.5	1.0	1.0	.3	.7							2.9	6.6
SSE	.9	3.0	2.4	2.3	.4	.1						9.2	6.6
S	1.6	3.8	4.9	5.3	1.8	.7	.1					10.1	10.4
SSW	.0	1.7	1.6	2.0	.4	.1	.0					5.6	9.3
SW	.3	.6	.6	.5	.1							2.1	5.1
WSW	.4	.7	.4	.3	.0							1.5	6.7
W	.7	1.2	.7	.4	.0							3.1	6.2
WNW	.2	.6	.9	.6	.2	.1	.0					2.6	9.6
NW	.3	.0	1.9	1.3	.7	.2	.0	.0				5.3	11.1
NNW	.5	1.9	2.3	2.8	1.4	.4						9.2	11.3
VARBL													
CALM												9.3	
	1.2	23.2	25.7	22.6	6.6	2.1	.3	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7200

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2422 MCCONNELL AFB KS STATION NAME 69-70.73-80 YEARS DEC MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.8	3.4	5.5	2.6	.4	.1					10.6	11.5
NNE	.5	1.5	1.5	.6	.4	.1						4.7	8.6
NE	.5	1.0	.3	.1								2.2	4.6
ENE	1.0	1.1	.4									2.5	4.0
E	.2	1.2	.5									2.5	4.7
ESE	.3	.6	1.1	.3								2.4	7.2
SE	.4	1.5	1.5	.4	.1							4.0	7.0
SSE	.4	3.0	2.8	1.6	.3							6.2	6.2
S	1.1	4.9	4.5	5.3	1.3	.4	.2					17.6	10.0
SSW	1.5	2.5	.9	.5								5.4	5.5
SW	.4	1.0	.2									1.6	4.9
WSW	.4	.5	.2									1.2	4.6
W	.5	1.5	.2	.2	.3							2.8	6.8
WNW	.3	1.4	.5	.2								2.5	6.1
NW	.3	1.7	.9	.5	.3							3.8	7.9
NNW	.6	2.3	1.3	3.3	1.4	.1						9.0	11.0
VARBL													
CALM												14.2	
	10.2	28.4	20.3	18.7	6.8	1.1	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 128 STATION NAME ACCONNELL AFB KS YEARS 69-70, 73-80 MONTH DEC
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0300-2500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.5	3.0	3.1	5.3	3.3	.5	.1					17.0	11.6
NNE	1.1	1.4	1.8	1.7	.3							5.6	8.0
NE	.4	.5	.4	.2								1.6	6.2
ENE	1.4	.6	.4	.1								2.6	4.4
E	.3	.5	1.1	.2								2.2	6.9
ESE	.6	1.3	.4	.2								2.7	5.4
SE	.6	1.4	1.1	.8								3.9	7.3
SSE	1.1	3.7	2.7	1.0	.8							9.1	7.7
S	1.6	4.9	4.5	3.4	1.6	.3						15.3	9.3
SSW	1.1	2.3	1.1	1.0	.1							5.5	6.9
SW	.5	1.1	.3									1.9	4.7
WSW	.1	.5	.2									.9	5.2
W	1.7	1.2	.4									2.6	4.7
WNW		1.0	1.0	.1	.1							2.2	7.6
NW	.2	1.9	2.0	.4	.1							4.7	7.5
NNW	.6	2.2	1.9	3.1	.8	.1						8.7	10.3
VARBL													
CALM												12.6	
	12.5	27.4	22.6	16.8	7.1	1.0	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1923 STATION MCCONNELL AFB KS 69-70.73-86 YEARS D1C MONTH 1600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.5	3.3	2.1	1.5	.5						10.4	11.2
NNE	.1	1.4	1.8	1.0	.2							5.5	6.9
NE	.4	.3	.0	.6								2.3	6.5
ENE	.1	.5	.4	.5								1.6	7.6
E	1.1	.6	1.0	.1								2.3	5.4
ESE	.4	.3	.6	.2								2.0	5.8
SE	.2	1.2	1.4	.3	.2							2.0	7.0
SSE	1.2	2.6	3.7	2.0	.3							7.8	8.1
S	2.4	4.4	3.5	3.9	1.0	.3						15.7	8.7
SSW	.5	2.0	1.6	1.0								5.4	6.9
SW	1.1	1.0	.4	.1								2.6	4.4
WSW	.8	.3	.3	.1								1.7	4.6
W	1.2	1.6	.8	.2								3.3	5.2
WNW	.4	.2	.4	.1	.1							1.3	7.4
NW	.2	1.6	2.5	.5								4.8	7.7
NNW	.9	.6	2.5	3.4	.8							9.2	10.4
VARB.													
CALM												10.8	
	13.0	23.7	25.2	22.3	4.1	1.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1723 STATION MC CONNELL AFB KS STATION NAME 69-70.73-80 YEARS DEC MONTH 1900-1100 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.9	2.3	4.8	6.6	2.2	1.3	.3					12.3	12.3
NNE	.5	1.4	1.6	1.3	.5							5.4	9.2
NE	.3	.9	.6	.6								2.5	7.6
ENE	.3	.2	.8									1.3	6.8
E	.2	1.5	1.1	.5								3.3	7.2
ESE	.6	.8	.3	.1								1.8	5.1
SE	.2	.6	1.3	.9								3.2	6.8
SSE	.2	1.7	1.9	2.9	.3	.1						7.2	12.3
S	1.1	2.4	7.0	6.9	1.8	.9						10.0	11.1
SSW	.5	1.4	1.3	1.7	.4	.1						2.5	9.6
SW	.8	.2	.6	.8	.1							2.5	7.2
WSW	.1	1.0	.4	.2								1.7	6.9
W	.5	1.4	.9		.1							.9	5.5
WNW	.2	1.1	.9	.5								2.7	7.4
NW	.8	.8	1.5	1.6	.3							4.2	6.8
NNW	1.0	1.6	2.6	5.5	1.0							11.6	10.6
VARBL													
CALM												5.4	
	1.3	19.1	27.6	30.1	6.8	2.4	.3					104.0	9.4

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1923 STATION MCCONNELL AFB KS 69-70, 73-80 YEARS 240 MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	5.4	6.8	3.1	1.3	.1					19.1	12.8
NNE	.2	1.0	1.3	2.5	.4							2.4	10.9
NE	.1	1.0	.6	.6								2.4	8.0
ENE	.1	.5	.4	.2								1.3	6.6
E	.5	.5	.6	.1								1.8	5.6
ESE	.2	.2	.2	.2								.9	6.6
SE	.5	.5	.9	.3								2.3	6.9
SSE		.6	1.6	2.0	.8							5.1	11.7
S	.6	1.8	2.9	7.4	2.9	1.7						17.4	13.4
SSW	.5	2.0	4.0	3.6	1.2	.1						11.4	12.6
SW	1.0	1.0	1.3	1.3	.3							4.8	8.7
WSW	.4	.5	.5	.5	.2							2.3	8.7
W	.3	1.8	1.9	.3								4.4	6.9
WNW	.2	1.0	.5	.6		.1						2.5	8.3
NW	.4	.9	1.2	1.6	.3	.4	.1					5.0	11.4
NNW	.3	1.3	3.1	4.3	1.2	.2						10.4	11.6
VARBL													
CALM												3.7	
	6.2	16.5	26.6	32.5	10.4	3.9	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 023 STATION NAME MC CONNELL AFB KS YEARS 69-70, 73-80 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	5.9	7.3	2.5	.9						19.7	11.8
NNE	.7	1.4	1.8	1.5	.8							5.8	9.9
NE		.4	.7	.3								1.9	8.2
ENE	.6	.7	.2									1.7	4.6
E	.2	.4	.9									1.9	6.5
ESE		.4	.1	.2								.8	7.9
SE	.5	1.1	.3	.2								2.3	5.6
SSE	.5	1.7	1.9	1.8	.6	.1						6.8	9.8
S	1.1	3.1	4.6	6.9	1.3	.4	.1					19.1	11.1
SSW	.3	2.4	3.8	3.3	.5							10.3	9.6
SW	.3	1.1	.8	.9	.1							3.1	8.5
WSW	.4	1.3	.8	.5	.1							3.1	7.3
W	.4	1.3	1.3	.4	.2							4.2	7.4
WNW	.1	.7	.6	.2	.2	.2						4.3	9.9
NW	.1	.7	1.6	1.4	.3	.1						4.4	10.2
NNW	.2	1.1	2.4	4.7	1.7	.6						19.8	12.9
VARBL													
CALM												3.7	
	5.6	21.7	27.8	29.8	8.9	2.4	.1					100.7	9.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 523 STATION NAME MCCONNELL AFB KS YEARS 62-70, 73-80 MONTH DEC
CLASS ALL WEATHER 1800-2000
CONDITION 1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.5	4.5	5.9	2.2	1.2						19.6	10.9
NNE	1.4	.9	1.7	1.5	.3	.1						5.9	6.3
NE	1.1	.8	.5	.1								2.5	4.7
ENE	.6	.9	.3									1.8	4.5
E	.6	1.5	.4	.3								3.0	5.6
ESE	.6	1.7	.3									2.7	4.6
SE	.8	1.8	.8	.2								3.6	5.7
SSE	1.1	3.8	2.7	2.4	.1	.1						10.1	7.7
S	1.4	5.8	6.0	3.6	.6							17.5	8.3
SSW	1.1	1.3	1.1	.5								4.0	5.9
SW	.2	.5	.3									1.1	5.4
WSW	.6	.1										.8	2.4
W	.8	.5		.3	.2							1.8	6.2
WNW	.1	.6	.1	.2	.4	.1						1.6	10.9
NW	.3	1.3	.6	.3	.2	.2						3.0	9.3
NNW	.2	2.2	1.4	2.3	1.1	.1	.1					7.3	10.9
VARBL													
CALM												13.6	
	12.4	28.3	20.9	17.7	5.2	1.8	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 023 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-80 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.5	4.9	5.7	2.6	.5						18.4	10.9
NNE	.9	1.7	1.6	1.1	.1	.1						4.7	8.4
NE	1.3	.9		.3								2.5	4.7
ENE	.6	1.2	.4									2.3	4.6
E	.9	1.4	.9	.1	.1							3.3	5.8
ESE	.6	.9	1.0	.1								2.6	6.0
SE	.4	2.3	1.4	.1								4.2	6.1
SSE	.6	3.5	3.7	2.6	.2	.1	.1					10.8	8.7
S	1.6	4.0	5.4	4.6	.5	.4						18.6	9.1
SSW	.9	1.8	1.1	.2								4.0	5.4
SW	.4	1.0	.5									1.9	5.0
WSW	.5	.6		.1								1.3	4.5
W	.1	1.4	.1	.2								1.8	5.9
WNW	.4	.2	.2	.2	.1							1.2	7.4
NW	.2	1.3	.5	1.2	.1	.3	.1					3.8	10.5
NNW	.6	1.5	1.0	1.3	1.2	.3	.1					6.0	11.5
VARBL													
CALM												14.5	
	11.5	26.3	22.7	17.9	5.0	1.8	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03423 MCCONNELL AFB KS STATION NAME 69-73, 73-80 YEARS DEC MONTH
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	4.4	5.4	2.5	.2	.1					14.3	11.6
NNE	.6	1.2	1.7	1.3	.4	.0						2.3	9.0
NE	.6	.7	.5	.4								2.2	6.4
ENE	.6	.7	.4	.1								1.9	5.1
E	.6	1.2	.8	.2	.0							2.6	6.0
ESE	.5	.8	.5	.2								2.0	5.9
SE	.6	1.3	1.1	.4	.2							3.4	6.6
SSE	.5	2.6	2.6	2.0	.4	.1	.0					3.4	6.8
S	1.4	4.0	4.8	5.2	1.5	.6	.0					17.4	10.2
SSW	.8	2.0	1.8	1.5	.3	.0						3.4	8.2
SW	.6	.8	.6	.4	.1							2.4	6.7
WSW	.4	.7	.3	.2	.0							1.6	6.1
W	.6	1.4	.7	.2	.1							3.0	6.2
WNW	.2	.9	.5	.3	.1	.1						2.0	8.1
NW	.3	1.3	1.4	1.0	.2	.1	.0					4.3	9.1
NNW	.6	1.6	2.0	3.5	1.1	.2	.0					9.0	11.2
VARBL													
CALM												9.6	
	10.0	23.9	24.2	23.2	6.8	1.9	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03423 STATION NAME MCCONNELL AFB KS YEARS 69-70, 73-81 ALL MONTH
CLASS ALL WEATHER ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	3.3	3.8	1.1	.3	.1	.0				11.7	10.5
NNE	.7	1.6	1.8	1.2	.2	.0	.0	.0				5.4	8.3
NE	.7	1.3	1.1	.4	.0							3.6	6.6
ENE	.9	1.2	.9	.3	.0	.0						3.2	6.0
E	1.2	2.0	1.4	.3	.0	.0						4.3	6.8
ESE	.3	1.3	.9	.2	.0	.0	.0					3.2	6.0
SE	.9	1.8	1.7	.8	.1	.0	.0					5.1	7.2
SSE	.9	3.0	3.9	3.3	.6	.1	.0					11.9	9.2
S	1.2	3.4	5.7	7.2	2.4	.7	.1	.0				20.5	11.1
SSW	.5	1.3	1.7	1.8	.4	.1	.0	.0				5.8	9.9
SW	.4	.7	.6	.5	.1	.0						2.3	8.0
WSW	.3	.6	.4	.2	.0	.0						1.5	6.7
W	.4	.9	.5	.3	.1	.0	.0	.0				2.2	6.9
WNW	.2	.4	.4	.3	.1	.0	.0					1.5	8.5
NW	.2	.7	.9	.8	.2	.1	.0	.0				3.0	10.1
NNW	.4	1.1	1.4	1.8	.6	.2	.0	.0				5.5	10.6
VARBL													
CALM												8.7	
	10.5	23.3	26.6	23.1	6.0	1.7	.2	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 67632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03423 STATION MC CONNELL AFB KS STATION NAME 69-70, 73-81 YEARS ALL MONTH

INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE CLASS

CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.3	6.2	8.8	3.1	1.2	.1					22.5	12.5
NNE	.7	2.1	4.3	3.4	.6	.1	.0					11.3	9.7
NE	.6	1.8	2.3	1.2	.1							8.1	8.0
ENE	.6	1.8	1.5	.7	.1	.0						4.7	7.2
E	.9	2.1	2.1	.8	.0	.0						8.8	6.9
ESE	.6	1.4	1.2	.2	.0							3.5	6.3
SE	.4	1.4	1.6	.9	.2	.0	.0					4.5	8.5
SSE	.4	2.7	2.4	2.9	.6	.1	.0					8.4	10.2
S	.5	1.8	3.4	3.7	1.4	.5	.0					11.3	11.4
SSW	.2	.6	1.0	.6	.1							2.6	8.7
SW	.1	.4	.6	.2	.1	.0						1.4	8.3
WSW	.1	.4	.2	.2	.0							1.0	7.6
W	.2	.4	.3	.3	.1	.0						1.3	8.3
WNW	.1	.2	.3	.3	.2	.0						1.1	10.8
NW	.1	.4	.7	.8	.3	.2	.0					2.6	12.2
NNW	.3	1.0	1.5	2.3	1.2	.3	.1	.0				6.6	12.4
VARBL													
CALM												4.9	
	6.5	20.2	29.6	27.6	8.2	2.6	.3	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 3809

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	≥ 0
NO CEILING															
IV 1800															
IV 1500					91.0										92.6
IV 1200															
IV 1000															
IV 900															
IV 800															
IV 700															
IV 600															
IV 500										97.4					98.1
IV 400															
IV 300															
IV 200															
IV 100															
IV 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03-23

100CONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 0
NO CEILING	52.2	59.6	60.4	60.7	61.1	61.4	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	56.5	64.4	65.1	65.4	65.9	66.2	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	56.6	64.6	65.3	65.7	66.1	66.4	66.6	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	56.6	64.6	65.3	65.7	66.1	66.4	66.6	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	56.6	64.6	65.3	65.7	66.1	66.4	66.6	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	57.1	65.1	65.9	66.2	66.6	67.0	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	59.1	67.4	68.1	68.5	68.9	69.2	69.4	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	59.6	67.9	68.7	69.0	69.4	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	60.4	68.8	69.5	69.9	70.3	70.6	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	60.9	69.5	70.3	70.6	71.1	71.4	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	61.9	71.2	72.0	72.4	72.8	73.1	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	62.7	72.4	73.2	73.5	74.0	74.3	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	63.2	73.1	74.1	74.4	74.8	75.2	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	63.6	73.9	74.8	75.2	75.6	75.9	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	63.9	74.4	75.4	75.7	76.1	76.5	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	64.4	75.2	76.1	76.5	77.0	77.3	77.5	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2500	65.6	77.4	78.4	79.0	79.6	79.9	80.1	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	66.4	78.7	79.7	80.8	81.3	81.6	81.9	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	66.6	79.6	80.6	81.9	82.4	82.7	82.9	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1500	67.2	80.7	81.9	83.3	84.0	84.3	84.6	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	67.3	81.4	82.7	84.3	85.2	85.6	86.1	86.5	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	67.3	82.2	83.5	85.2	86.2	86.6	87.1	87.7	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	67.3	82.4	83.9	85.6	86.6	87.0	87.7	88.2	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	67.3	82.8	84.7	86.5	87.5	88.2	88.9	89.4	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	67.3	83.2	85.0	86.9	88.0	88.8	89.4	90.1	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	67.3	83.8	85.9	88.0	89.4	90.2	90.8	91.7	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	67.3	83.8	86.1	88.3	89.8	91.0	91.8	92.7	93.1	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	67.3	84.0	86.3	88.8	90.7	91.9	92.7	93.6	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 300	67.3	84.0	86.7	89.2	91.1	92.3	93.2	94.4	95.0	96.3	96.4	96.5	96.5	96.5	96.5	96.5
≥ 200	67.3	84.0	86.7	89.2	91.1	92.3	93.2	94.4	95.1	97.1	97.5	97.7	98.2	98.4	98.6	98.6
≥ 100	67.3	84.0	86.7	89.2	91.1	92.3	93.2	94.4	95.1	97.2	97.6	97.8	98.4	98.7	99.4	99.6
≥ 0	67.3	84.0	86.7	89.2	91.1	92.3	93.2	94.4	95.1	97.2	97.6	97.8	98.4	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03523

MCCONNELL AFB KS

70,73-61

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 3.5	≥ 4	≥ 4.5	≥ 5	≥ 5.5	≥ 6	≥ 6.5
NO CEILING	52.4	58.6	59.5	60.0	60.5	60.6	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.8
≥ 2000	56.0	62.4	63.5	63.9	64.5	64.6	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.9
≥ 1800	56.4	63.3	64.4	64.8	65.3	65.4	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 1600	56.4	63.3	64.4	64.8	65.3	65.4	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 1400	56.4	63.3	64.4	64.8	65.3	65.4	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 1200	56.8	63.7	64.8	65.2	65.8	65.9	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.2
≥ 1000	58.0	64.9	66.0	66.4	67.0	67.1	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.4
≥ 800	58.7	64.9	66.0	66.4	67.0	67.1	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.4
≥ 600	58.2	65.2	66.3	66.7	67.3	67.4	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.7
≥ 500	58.2	65.3	66.4	66.8	67.4	67.5	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.8
≥ 400	58.7	66.4	67.5	68.2	68.8	69.0	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.3
≥ 300	59.5	67.7	69.9	69.6	70.3	70.7	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
≥ 200	60.0	68.6	69.8	70.7	71.4	71.9	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.3
≥ 100	60.5	69.2	70.4	71.4	72.0	72.6	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	74.1
≥ 0	60.9	69.8	70.9	71.9	72.6	73.1	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.6
≥ 0	62.0	71.3	72.4	73.4	74.2	74.7	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.2
≥ 0	62.4	72.1	73.6	74.8	75.8	76.3	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.8
≥ 0	63.1	73.4	74.9	76.2	77.2	77.7	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.2
≥ 0	63.3	74.0	75.6	76.9	77.8	78.4	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.9
≥ 0	63.7	75.1	77.1	78.4	79.3	79.9	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.6
≥ 0	64.4	77.1	79.7	80.4	81.4	81.9	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.9
≥ 0	64.8	78.0	80.2	81.9	83.0	83.6	84.7	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.3
≥ 0	65.1	78.8	81.1	82.8	84.0	84.6	85.7	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.3
≥ 0	65.2	79.0	81.4	83.1	84.3	84.9	86.0	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.8
≥ 0	65.2	79.4	82.1	84.1	85.5	86.1	87.3	88.5	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.2
≥ 0	65.3	80.5	83.2	85.3	87.4	88.1	89.2	90.5	90.6	90.7	90.9	90.9	91.0	91.0	91.2	91.4
≥ 0	65.3	80.8	83.7	86.0	88.7	89.8	91.1	92.4	92.5	92.7	92.8	92.8	92.9	92.9	93.1	93.3
≥ 0	65.3	81.2	84.1	86.3	89.7	91.1	92.4	93.8	93.9	94.3	94.6	94.7	94.8	94.8	95.0	95.3
≥ 0	65.3	81.3	84.3	86.5	89.9	91.5	93.0	94.4	94.6	95.6	96.0	96.1	96.2	96.2	96.4	96.7
≥ 0	65.3	81.3	84.3	86.5	90.0	91.6	93.1	94.5	94.8	96.0	96.6	96.7	97.1	97.1	97.5	97.7
≥ 0	65.3	81.3	84.3	86.5	90.1	91.7	93.2	94.6	95.0	96.2	97.0	97.1	97.7	97.8	98.6	99.0
≥ 0	65.4	81.4	84.4	86.7	90.2	91.8	93.3	94.7	95.2	96.6	97.3	97.4	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7423

MCCONNELL AFB KS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	46.6	51.9	52.5	53.2	53.5	54.1	54.2	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.8
≥ 20000	50.5	56.8	57.4	58.2	58.5	59.0	59.1	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.8
≥ 18000	50.9	57.4	58.1	58.8	59.1	59.7	59.8	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.4
≥ 16000	51.1	57.6	58.3	59.0	59.4	59.9	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.6
≥ 14000	51.8	58.4	59.0	59.8	60.1	60.6	60.8	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.4
≥ 12000	52.3	59.6	60.2	61.0	61.3	61.8	61.9	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.6
≥ 10000	55.4	62.4	63.1	63.9	64.2	64.7	64.8	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5
≥ 9000	55.5	62.5	63.2	64.0	64.3	64.8	64.9	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6
≥ 8000	56.7	64.0	64.7	65.5	65.8	66.3	66.5	66.7	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.4
≥ 7000	56.9	64.2	65.1	65.8	66.1	66.7	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 6000	57.6	65.6	66.5	67.2	67.5	68.1	68.2	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8
≥ 5000	58.6	66.7	67.5	68.3	68.7	69.2	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 4500	59.0	68.0	69.0	69.9	70.3	70.9	71.1	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7
≥ 4000	59.4	68.4	69.5	70.3	70.9	71.4	71.6	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.3
≥ 3500	59.8	69.0	70.2	71.1	71.6	72.2	72.4	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0
≥ 3000	60.5	70.1	71.5	72.5	73.2	73.9	74.1	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 2500	61.4	71.3	72.7	73.7	74.4	75.1	75.4	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 2000	62.7	73.2	74.7	75.8	76.7	77.3	77.6	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3
≥ 1800	63.2	74.2	75.8	76.9	77.7	78.4	78.7	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.4
≥ 1500	63.9	74.9	76.9	78.1	79.0	79.7	80.0	80.3	80.5	80.8	80.9	80.9	80.9	80.9	80.9	81.0
≥ 1200	64.1	75.7	77.6	79.0	80.0	80.8	81.3	81.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.4
≥ 1000	64.6	77.4	79.5	81.1	82.2	82.9	83.4	83.9	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.9
≥ 900	64.6	78.0	80.0	81.7	82.8	83.5	84.1	84.5	84.8	85.4	85.5	85.5	85.5	85.5	85.5	85.6
≥ 800	64.6	78.3	80.4	82.2	83.2	84.0	84.5	84.9	85.3	85.8	85.9	85.9	85.9	85.9	85.9	86.0
≥ 700	64.6	78.5	81.0	82.8	84.3	85.1	85.6	86.0	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 600	64.6	78.8	81.5	83.7	85.5	86.3	87.1	87.7	88.3	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 500	64.6	79.0	81.7	84.1	86.2	87.2	88.1	88.7	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.2
≥ 400	64.6	79.4	82.0	84.5	87.7	88.9	90.2	91.1	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.9
≥ 300	64.6	79.5	82.5	85.1	88.3	89.8	91.4	92.6	93.4	94.4	94.8	95.1	95.2	95.2	95.2	95.5
≥ 200	64.6	79.5	82.5	85.1	88.3	89.8	91.6	93.0	94.2	95.7	96.3	96.6	97.0	97.0	97.0	97.7
≥ 100	64.6	79.5	82.5	85.1	88.3	89.8	91.6	93.0	94.2	95.9	96.7	97.0	97.4	97.6	97.8	99.1
≥ 0	64.6	79.5	82.5	85.1	88.3	89.8	91.6	93.0	94.2	95.9	96.7	97.0	97.4	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17423

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.3	51.0	52.0	52.3	52.7	52.9	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥20000	51.2	56.6	57.6	57.9	58.3	58.4	58.8	58.9	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.4
≥18000	51.3	56.7	57.7	58.0	58.4	58.6	58.9	59.0	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.5
≥16000	51.3	56.7	57.7	58.0	58.4	58.6	58.9	59.0	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.5
≥14000	52.1	57.6	58.6	58.9	59.3	59.4	59.7	59.8	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4
≥12000	52.6	58.1	59.1	59.4	59.8	60.0	60.3	60.4	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9
≥10000	55.3	61.0	62.0	62.3	62.8	62.9	63.2	63.3	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8
≥9000	55.9	61.6	62.5	62.9	63.3	63.4	63.7	63.8	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4
≥8000	56.8	62.5	63.5	63.8	64.3	64.4	64.7	64.8	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥7000	58.3	64.4	65.3	65.7	66.1	66.2	66.5	66.6	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.2
≥6000	59.2	65.6	66.6	67.3	67.7	67.8	68.1	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1
≥5000	60.1	66.4	67.8	68.6	69.0	69.1	69.4	69.8	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.4
≥4500	60.3	66.7	68.1	68.9	69.3	69.4	69.8	70.1	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.7
≥4000	60.9	68.0	69.5	70.3	70.9	71.0	71.4	71.7	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3
≥3500	61.0	68.6	70.1	70.8	71.6	72.0	72.3	72.7	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3
≥3000	61.2	69.2	70.9	71.9	72.8	73.2	73.5	73.8	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5
≥2500	62.1	70.5	72.2	73.2	74.1	74.5	74.8	75.1	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.8
≥2000	63.6	72.4	74.2	75.1	76.0	76.4	76.9	77.3	77.6	77.7	77.8	77.8	77.9	77.9	77.9	78.0
≥1800	63.7	72.8	74.5	75.5	76.3	76.7	77.2	77.7	78.0	78.1	78.3	78.3	78.4	78.4	78.4	78.5
≥1500	64.0	73.4	75.3	77.1	77.9	78.4	78.9	79.7	80.1	80.3	80.5	80.5	80.6	80.6	80.6	80.7
≥1200	64.5	74.5	76.5	78.4	79.4	79.9	80.5	81.4	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.5
≥1000	64.7	75.8	78.3	80.2	81.4	81.8	82.5	83.4	84.0	84.4	84.7	84.7	84.8	84.8	84.8	84.9
≥900	64.7	76.4	79.1	81.1	82.5	83.0	83.7	85.0	85.6	86.0	86.3	86.5	86.7	86.7	86.7	86.8
≥800	64.8	76.7	79.4	81.5	82.9	83.4	84.3	85.7	86.3	87.0	87.3	87.5	87.6	87.6	87.6	87.7
≥700	64.8	77.1	80.0	82.0	83.9	84.4	85.3	86.7	87.4	88.2	88.5	88.7	88.8	88.8	88.8	88.9
≥600	64.8	77.3	80.4	82.8	84.6	85.1	86.0	87.7	88.5	89.5	89.8	90.0	90.1	90.1	90.1	90.2
≥500	64.8	77.4	80.6	83.0	84.9	85.5	86.5	88.7	89.7	90.9	91.6	91.8	92.0	92.0	92.0	92.2
≥400	64.8	77.4	80.6	83.2	85.4	85.9	87.1	89.7	90.9	92.0	92.8	93.0	93.2	93.4	93.5	93.8
≥300	64.8	77.4	80.6	83.4	85.7	86.3	87.9	90.7	92.1	93.8	94.8	95.0	95.4	95.7	95.8	96.0
≥200	64.8	77.4	80.6	83.4	85.7	86.3	87.9	90.9	92.4	94.3	95.8	96.0	96.8	97.2	97.5	97.7
≥100	64.8	77.4	80.6	83.4	85.7	86.3	87.9	90.9	92.4	94.3	95.8	96.0	97.0	97.7	98.4	99.0
≥0	64.8	77.4	80.6	83.4	85.7	86.3	87.9	90.9	92.4	94.3	95.8	96.0	97.0	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	47.9	52.2	52.9	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	53.4	58.7	59.5	59.7	59.8	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	53.5	58.9	59.8	59.9	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	53.9	59.2	60.1	60.2	60.3	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	54.7	60.2	61.1	61.2	61.3	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	56.0	61.5	62.4	62.5	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	58.9	65.0	65.8	65.9	66.1	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	59.5	65.6	66.5	66.6	66.7	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	60.5	66.9	67.8	67.9	68.3	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	61.3	67.7	68.5	68.7	69.1	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	61.9	68.3	69.2	69.3	69.7	69.7	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	62.1	68.5	69.6	69.7	70.2	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	62.6	69.0	70.2	70.3	70.7	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	63.4	70.5	72.5	72.7	73.1	73.1	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	63.8	71.0	73.0	73.3	73.9	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	64.4	72.0	74.0	74.5	75.3	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	65.4	73.9	75.8	76.4	77.1	77.3	77.5	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2000	66.5	75.7	77.7	78.3	79.1	79.3	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	66.6	75.9	78.0	78.6	79.4	79.6	79.9	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1500	67.4	77.7	79.7	80.8	81.6	81.8	82.2	82.4	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	68.0	79.2	81.3	83.2	84.1	84.4	85.2	85.6	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	68.0	80.3	82.4	84.3	85.2	85.6	87.0	87.3	87.4	87.6	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	68.1	80.7	82.9	84.8	85.9	86.2	87.7	88.2	88.3	88.6	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	68.1	80.9	83.1	85.1	86.3	86.7	88.3	89.0	89.2	89.5	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	68.1	81.0	83.2	85.5	87.0	87.3	89.3	90.0	90.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	68.1	81.1	83.6	86.1	87.6	88.1	90.2	91.2	91.4	91.9	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	68.1	81.5	83.9	86.7	88.7	89.2	91.4	92.7	93.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	68.1	81.5	84.2	87.1	89.3	89.7	92.3	93.7	94.6	95.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	68.1	81.6	84.3	87.2	89.4	89.8	92.8	94.5	95.6	96.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	68.1	81.6	84.3	87.2	89.4	89.8	92.8	94.5	95.6	96.7	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	68.1	81.6	84.3	87.2	89.4	89.8	92.8	94.5	95.6	96.7	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	68.1	81.6	84.3	87.2	89.4	89.8	92.8	94.5	95.6	96.7	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MC CONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	48.8	52.4	52.6	52.6	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	56.4	61.6	61.7	61.7	62.	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	57.2	62.8	62.9	62.9	63.3	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	57.3	63.0	63.1	63.1	63.5	63.6	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	58.3	64.2	64.3	64.3	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	58.6	64.8	65.0	65.0	65.5	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	62.0	68.3	68.7	68.8	69.3	69.4	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	62.3	68.7	69.2	69.3	69.7	69.8	70.0	70.0	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	63.4	70.1	70.6	70.7	71.1	71.2	71.4	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	64.1	70.8	71.2	71.3	71.8	71.9	72.1	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	64.3	71.0	71.4	71.6	72.0	72.1	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	64.8	72.4	72.9	73.1	73.5	73.6	73.8	73.8	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	65.3	73.2	73.6	73.8	74.3	74.4	74.6	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	65.7	73.8	74.7	75.0	75.5	75.6	75.8	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	66.2	74.8	75.7	76.0	76.7	76.8	77.0	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	66.8	75.7	76.7	77.0	77.7	77.9	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	67.8	77.1	78.2	78.5	79.3	79.4	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	68.3	79.3	80.5	80.8	81.7	81.8	82.1	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	68.8	80.3	81.5	81.9	82.7	83.0	83.3	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	69.3	82.0	83.4	83.7	84.7	85.0	85.3	85.5	85.8	85.9	86.1	86.1	86.2	86.2	86.2	86.2
≥ 1200	69.4	82.7	84.7	85.0	86.1	86.5	87.4	87.6	88.1	88.2	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1000	69.4	83.9	86.2	86.6	87.8	88.3	89.3	89.5	89.9	90.0	90.3	90.3	90.4	90.4	90.4	90.4
≥ 900	69.4	84.0	86.4	87.0	88.3	88.7	89.7	90.2	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.3
≥ 800	69.4	84.0	86.8	87.8	89.3	89.7	90.7	91.3	92.0	92.1	92.6	92.6	92.9	92.9	92.9	92.9
≥ 700	69.4	84.0	86.8	87.9	90.0	90.4	91.6	92.4	93.2	93.3	93.8	93.8	94.1	94.1	94.1	94.1
≥ 600	69.4	84.0	86.8	87.9	90.0	90.6	91.7	93.1	93.8	94.1	94.7	94.7	95.2	95.2	95.2	95.2
≥ 500	69.4	84.1	87.0	88.3	90.4	91.0	92.3	93.9	94.8	95.3	95.9	95.9	96.4	96.4	96.4	96.4
≥ 400	69.4	84.3	87.5	89.0	91.3	92.0	93.3	95.0	96.1	96.6	97.2	97.2	97.7	97.8	97.8	97.8
≥ 300	69.4	84.3	87.5	89.0	91.3	92.0	93.4	95.3	96.4	97.1	97.6	97.6	98.3	98.4	98.4	98.7
≥ 200	69.4	84.3	87.5	89.0	91.3	92.0	93.4	95.3	96.6	97.6	98.3	98.3	98.9	99.3	99.3	99.7
≥ 100	69.4	84.3	87.5	89.0	91.3	92.0	93.4	95.3	96.6	97.6	98.3	98.3	98.9	99.3	99.5	100.0
≥ 0	69.4	84.3	87.5	89.0	91.3	92.0	93.4	95.3	96.6	97.6	98.3	98.3	98.9	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

07923

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	51.2	56.3	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	57.3	62.5	63.4	63.6	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	57.8	63.1	63.9	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	57.9	63.4	64.3	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000	58.8	64.3	65.1	65.3	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	59.7	65.7	66.5	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	62.6	68.9	70.0	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9500	62.9	69.1	70.2	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	63.8	70.5	71.6	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	64.2	70.9	72.0	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	64.6	71.4	72.4	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	65.1	72.2	73.3	73.7	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	65.4	72.9	74.0	74.4	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	66.4	74.3	75.3	75.9	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	67.1	75.9	77.0	77.6	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	67.5	76.7	77.9	78.6	78.8	78.8	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2500	67.8	78.1	79.5	80.2	80.4	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	68.4	79.5	81.3	82.0	82.3	82.3	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	68.6	80.2	81.9	82.7	83.0	83.0	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	68.6	82.5	84.6	85.7	86.0	86.0	86.3	86.4	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	68.9	83.7	85.9	87.2	87.8	87.8	88.3	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	69.0	85.0	87.6	88.9	89.8	89.8	90.2	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	69.1	85.3	87.8	89.2	90.1	90.3	90.7	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	69.1	85.6	88.3	89.9	90.9	91.1	91.5	91.8	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	69.1	85.7	88.4	90.2	91.6	91.9	92.4	92.7	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	69.1	86.0	88.9	91.1	92.7	93.1	93.5	94.1	94.5	95.2	95.3	95.3	95.5	95.5	95.5	95.5
≥ 500	69.1	86.2	89.3	91.6	93.4	93.9	94.6	95.5	96.0	96.8	96.9	96.9	97.1	97.1	97.1	97.1
≥ 400	69.1	86.3	89.6	91.8	93.8	94.3	95.2	96.0	96.6	97.4	97.5	97.5	97.8	97.8	97.8	97.8
≥ 300	69.1	86.3	89.6	91.8	93.8	94.3	95.2	96.1	96.7	97.5	97.6	97.6	98.0	98.1	98.1	98.1
≥ 200	69.1	86.3	89.6	91.8	93.8	94.3	95.2	96.1	96.7	97.6	98.0	98.0	98.3	98.6	98.6	98.9
≥ 100	69.1	86.3	89.6	91.8	93.8	94.3	95.2	96.3	96.9	98.1	98.4	98.6	98.9	99.4	99.4	100.0
≥ 0	69.1	86.3	89.6	91.8	93.8	94.3	95.2	96.3	96.9	98.1	98.4	98.6	98.9	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.0	57.1	57.8	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	55.8	62.8	63.5	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	56.0	63.0	63.8	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	56.1	63.1	63.9	64.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	56.6	63.5	64.3	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	57.7	64.9	65.7	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	61.0	68.2	68.9	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	61.1	68.3	69.0	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	62.4	69.7	70.6	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	63.3	71.2	72.2	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	63.4	71.3	72.3	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	64.2	72.2	73.1	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	64.8	73.0	74.0	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	65.3	73.8	74.8	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	66.5	75.5	76.6	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	66.9	76.6	77.6	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	67.6	78.6	80.0	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	68.3	80.1	81.5	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	68.3	80.4	81.8	83.1	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	68.3	81.8	83.5	84.8	85.5	85.9	86.1	86.2	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	68.3	82.7	84.6	86.0	86.7	87.1	87.4	87.5	87.5	87.7	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	68.4	83.3	85.3	87.0	88.0	88.5	88.8	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	68.5	83.8	85.8	87.7	89.0	89.6	89.9	90.0	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	68.6	83.9	86.0	88.1	89.4	90.0	90.4	90.6	90.6	91.1	91.3	91.3	91.3	91.3	91.4	91.4
≥ 700	68.7	84.2	86.3	88.5	90.0	90.6	91.1	91.3	91.3	91.7	91.9	91.9	91.9	91.9	92.0	92.0
≥ 600	68.7	84.6	87.1	89.4	91.2	92.3	92.7	92.9	92.9	93.3	93.5	93.5	93.5	93.5	93.7	93.7
≥ 500	68.7	84.9	87.5	89.9	91.7	92.9	93.5	93.9	93.9	94.3	94.5	94.5	94.5	94.5	94.6	94.6
≥ 400	68.7	85.1	88.2	90.5	92.6	93.8	94.7	95.5	95.5	95.9	96.1	96.1	96.2	96.2	96.3	96.3
≥ 300	68.7	85.1	88.5	91.0	93.1	94.3	95.4	96.3	96.7	97.1	97.3	97.3	97.4	97.4	97.7	97.7
≥ 200	68.7	85.1	88.5	91.0	93.1	94.3	95.4	96.5	96.8	97.2	97.5	97.6	97.8	97.8	98.4	98.4
≥ 100	68.7	85.1	88.5	91.0	93.1	94.3	95.4	96.5	96.8	97.2	97.7	98.0	98.2	98.2	98.9	99.6
≥ 0	68.7	85.1	88.5	91.0	93.1	94.3	95.4	96.5	96.8	97.4	98.0	98.2	98.5	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MC CONNELL AFB KS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	54.9	55.6	55.9	56.2	56.4	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	54.6	60.7	61.5	61.8	62.1	62.3	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9
IV 18000	55.0	61.2	62.0	62.3	62.6	62.8	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	55.1	61.4	62.1	62.4	62.8	62.9	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5
IV 14000	55.6	62.0	62.8	63.1	63.4	63.6	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000	56.4	62.9	63.7	64.0	64.4	64.5	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1
IV 10000	59.0	65.7	66.6	66.9	67.3	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0
IV 9000	59.3	66.1	66.9	67.3	67.6	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
IV 8000	60.3	67.2	68.1	68.5	68.9	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6
IV 7000	60.9	68.0	68.9	69.3	69.6	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4
IV 6000	61.4	68.8	69.7	70.2	70.6	70.8	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
IV 5000	62.2	69.8	70.8	71.3	71.7	71.9	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6
IV 4500	62.6	70.6	71.6	72.1	72.5	72.7	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
IV 4000	63.1	71.5	72.7	73.3	73.7	73.9	74.2	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6
IV 3500	63.6	72.4	73.6	74.2	74.7	75.0	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
IV 3000	64.2	73.3	74.6	75.3	76.0	76.3	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0
IV 2500	65.0	74.9	76.3	77.1	77.7	78.0	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8
IV 2000	65.9	76.6	78.0	79.0	79.7	80.0	80.3	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8
IV 1800	66.1	77.2	78.7	79.7	80.4	80.7	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6
IV 1500	66.5	78.5	80.3	81.5	82.3	82.6	83.0	83.3	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.9
IV 1200	66.9	79.6	81.6	82.9	83.8	84.3	84.9	85.3	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.9
IV 1000	67.0	80.7	82.9	84.4	85.4	85.9	86.6	87.1	87.3	87.6	87.8	87.8	87.9	87.9	87.9	87.9
IV 900	67.1	81.2	83.4	85.0	86.1	86.6	87.4	88.0	88.2	88.5	88.8	88.8	88.9	88.9	88.9	88.9
IV 800	67.1	81.4	83.8	85.5	86.7	87.2	88.1	88.7	89.1	89.4	89.7	89.8	89.8	89.8	89.9	89.9
IV 700	67.2	81.6	84.1	86.0	87.5	88.1	89.0	89.7	90.1	90.5	90.7	90.8	90.8	90.8	90.9	90.9
IV 600	67.2	82.0	84.7	86.8	88.6	89.2	90.2	91.1	91.5	92.0	92.3	92.3	92.5	92.5	92.5	92.6
IV 500	67.2	82.2	85.0	87.2	89.3	90.0	91.2	92.3	92.8	93.5	93.8	93.9	94.0	94.0	94.0	94.1
IV 400	67.2	82.4	85.3	87.7	90.0	90.9	92.2	93.5	94.2	94.9	95.3	95.3	95.5	95.6	95.6	95.7
IV 300	67.2	82.4	85.5	87.9	90.3	91.3	92.8	94.3	95.1	96.1	96.6	96.7	96.9	96.9	97.0	97.2
IV 200	67.2	82.4	85.5	87.9	90.3	91.3	92.8	94.4	95.3	96.5	97.3	97.4	97.9	98.0	98.3	98.5
IV 100	67.2	82.4	85.5	87.9	90.3	91.3	92.8	94.4	95.3	96.7	97.5	97.6	98.2	98.5	98.9	99.5
IV 0	67.2	82.4	85.5	87.9	90.4	91.3	92.9	94.4	95.3	96.7	97.5	97.7	98.3	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7416

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.3	61.5	62.8	63.2	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	64.1
≥ 20000	59.2	64.7	66.1	66.5	66.9	66.9	67.0	67.0	67.0	67.3	67.3	67.3	67.4	67.4	67.6	68.0
≥ 18000	59.7	65.1	66.5	67.0	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	68.1	68.4
≥ 16000	59.7	65.1	66.5	67.0	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	68.1	68.4
≥ 14000	59.8	65.2	66.7	67.1	67.5	67.5	67.6	67.6	67.6	67.8	67.8	67.8	68.0	68.0	68.2	68.6
≥ 12000	60.3	66.1	67.5	68.0	68.3	68.3	68.4	68.4	68.4	68.7	68.7	68.7	68.8	68.8	69.0	69.4
≥ 10000	61.8	67.7	69.1	69.6	70.0	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.7	71.0
≥ 9000	61.8	67.7	69.1	69.6	70.0	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.7	71.0
≥ 8000	62.5	68.4	69.9	70.3	70.7	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.2	71.2	71.4	71.7
≥ 7000	63.4	69.3	70.7	71.2	71.5	71.5	71.6	71.6	71.6	71.9	71.9	71.9	72.0	72.0	72.2	72.6
≥ 6000	64.1	70.3	71.7	72.2	72.6	72.6	72.7	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.3	73.6
≥ 5000	66.0	72.9	74.3	74.8	75.2	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.7	75.7	75.9	76.2
≥ 4500	66.3	73.3	74.7	75.2	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.2	76.6
≥ 4000	66.4	73.6	75.1	75.5	75.9	75.9	76.0	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.6	77.0
≥ 3500	68.0	75.4	76.8	77.3	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.4	78.7
≥ 3000	68.2	75.8	77.3	77.8	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.8	79.2
≥ 2500	69.0	76.8	78.5	79.2	79.6	79.6	79.8	80.0	80.0	80.3	80.3	80.3	80.4	80.4	80.6	81.0
≥ 2000	70.3	78.4	80.1	80.9	81.2	81.3	81.6	82.0	82.0	82.3	82.3	82.3	82.4	82.4	82.6	83.0
≥ 1800	70.8	79.0	80.7	81.4	81.9	82.0	82.3	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.3	83.7
≥ 1500	71.7	80.3	82.4	83.1	83.6	83.7	83.9	84.4	84.4	84.6	84.6	84.6	84.8	84.8	85.0	85.3
≥ 1200	72.0	80.9	83.2	84.2	84.6	84.8	85.0	85.5	85.5	85.7	85.7	85.7	85.8	85.8	86.1	86.4
≥ 1000	72.1	81.8	84.4	85.6	86.3	86.4	86.6	87.1	87.1	87.4	87.4	87.4	87.5	87.5	87.7	88.1
≥ 900	72.1	82.3	85.2	86.5	87.5	87.6	87.8	88.3	88.3	88.5	88.5	88.5	88.7	88.7	88.9	89.2
≥ 800	72.1	82.5	85.6	87.0	88.1	88.2	88.5	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.6	90.0
≥ 700	72.1	82.7	85.8	87.5	88.9	89.0	89.5	90.0	90.0	90.5	90.5	90.5	90.7	90.7	90.9	91.3
≥ 600	72.2	83.0	86.3	88.2	90.1	90.3	90.8	91.3	91.3	91.8	91.8	92.0	92.1	92.1	92.3	92.7
≥ 500	72.2	83.3	87.1	89.2	91.1	91.5	92.0	92.8	92.9	93.9	94.0	94.2	94.3	94.3	94.6	94.9
≥ 400	72.2	83.3	87.1	89.4	91.4	92.0	92.9	93.7	93.9	94.9	95.2	95.4	95.5	95.5	95.7	96.1
≥ 300	72.2	83.3	87.1	89.6	91.8	92.4	93.4	94.4	94.6	96.1	96.3	96.6	96.7	96.7	97.2	97.5
≥ 200	72.2	83.3	87.1	89.6	91.8	92.4	93.4	94.7	94.8	96.5	96.7	97.0	97.2	97.2	97.6	98.0
≥ 100	72.2	83.3	87.1	89.6	91.8	92.4	93.4	94.7	94.8	96.5	96.7	97.3	97.6	97.8	98.6	99.3
≥ 0	72.2	83.3	87.1	89.6	91.8	92.4	93.4	94.7	94.8	96.5	96.7	97.3	97.6	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7523

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.5	61.8	62.5	62.9	63.4	63.5	63.7	63.8	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.5
≥ 20000	58.9	64.2	64.9	65.2	65.7	65.8	66.1	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.9
≥ 18000	59.0	64.3	65.0	65.4	65.8	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.7	66.7	66.7	67.3
≥ 16000	59.1	64.4	65.1	65.6	66.1	66.2	66.4	66.5	66.7	66.7	66.7	66.7	66.9	66.9	66.9	67.3
≥ 14000	59.3	64.8	65.5	66.1	66.5	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.7
≥ 12000	59.9	65.5	66.2	66.8	67.3	67.4	67.6	67.7	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.4
≥ 10000	61.1	66.8	67.5	68.1	68.6	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.9
≥ 9000	61.2	66.9	67.6	68.2	68.7	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.6	69.6	69.6	70.0
≥ 8000	62.1	67.8	68.6	69.1	69.6	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.6	70.6	70.6	70.9
≥ 7000	62.4	68.2	68.9	69.5	70.0	70.1	70.3	70.4	70.6	70.6	70.6	70.6	70.9	70.9	70.9	71.3
≥ 6000	62.6	68.4	69.1	69.7	70.2	70.3	70.6	70.7	70.8	70.8	70.8	70.8	71.2	71.2	71.2	71.5
≥ 5000	64.4	70.3	71.0	71.6	72.1	72.2	72.5	72.6	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.4
≥ 4500	65.4	71.3	72.0	72.6	73.0	73.2	73.4	73.5	73.6	73.6	73.6	73.6	74.0	74.0	74.0	74.3
≥ 4000	65.8	71.9	72.6	73.2	73.6	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.6	74.6	74.6	74.9
≥ 3500	66.4	72.5	73.2	73.8	74.2	74.3	74.6	74.7	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.5
≥ 3000	67.0	73.3	74.0	74.6	75.2	75.3	75.5	75.7	75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.5
≥ 2500	67.1	73.6	74.3	75.1	75.7	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.6	76.6	76.6	77.0
≥ 2000	67.4	74.3	75.1	75.8	76.4	76.5	76.7	76.8	77.0	77.0	77.0	77.0	77.3	77.3	77.3	77.7
≥ 1800	68.1	75.5	76.2	77.0	77.9	78.0	78.3	78.4	78.5	78.5	78.5	78.5	78.8	78.8	78.8	79.2
≥ 1500	69.1	76.8	77.5	78.3	79.6	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.5	80.5	80.5	80.9
≥ 1200	69.7	78.4	79.3	80.0	81.6	81.7	82.0	82.2	82.3	82.4	82.4	82.4	82.7	82.7	82.7	83.1
≥ 1000	70.1	79.7	80.9	81.6	83.1	83.2	83.6	83.8	83.9	84.0	84.0	84.0	84.4	84.4	84.4	84.8
≥ 900	70.1	80.3	81.7	82.6	84.4	84.5	84.9	85.1	85.3	85.7	85.7	85.7	86.1	86.1	86.1	86.4
≥ 800	70.1	80.7	82.6	83.8	86.2	86.3	86.6	86.9	87.1	87.5	87.5	87.5	87.8	87.8	87.8	88.2
≥ 700	70.1	81.2	83.2	84.4	87.5	87.7	88.2	88.7	88.9	89.2	89.2	89.2	89.6	89.6	89.6	90.0
≥ 600	70.1	81.2	83.3	84.5	87.8	88.3	89.1	89.6	89.8	90.2	90.2	90.2	90.5	90.5	90.5	90.9
≥ 500	70.2	81.4	83.9	85.1	88.4	89.0	90.0	90.4	90.7	91.0	91.0	91.0	91.4	91.4	91.4	91.7
≥ 400	70.2	81.6	84.4	85.6	89.1	89.8	91.5	92.6	92.8	93.1	93.1	93.1	93.6	93.6	93.6	94.0
≥ 300	70.2	81.6	84.4	85.6	89.1	89.8	91.8	93.0	93.5	94.3	94.4	94.4	94.9	95.0	95.0	95.4
≥ 200	70.2	81.6	84.4	85.7	89.4	90.1	92.2	93.4	94.3	95.4	95.6	95.6	96.3	96.7	96.8	97.2
≥ 100	70.2	81.6	84.4	85.7	89.4	90.1	92.2	93.4	94.3	95.4	96.0	96.1	97.5	98.1	98.3	99.2
≥ 0	70.2	81.6	84.4	85.7	89.4	90.1	92.2	93.4	94.3	95.4	96.0	96.1	97.5	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	49.3	54.7	56.1	57.1	57.2	57.7	58.0	58.0	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.7
≥ 20000	53.1	59.2	60.9	61.8	62.3	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.8
≥ 18000	53.2	59.5	61.1	62.1	62.5	63.0	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	64.1
≥ 16000	53.2	59.5	61.1	62.1	62.5	63.0	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	64.1
≥ 14000	53.3	60.3	61.9	62.9	63.4	63.8	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.9
≥ 12000	53.9	60.5	62.2	63.1	63.6	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	65.1
≥ 10000	55.0	61.8	63.5	64.4	64.9	65.4	65.7	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.4
≥ 9000	55.0	61.8	63.5	64.4	64.9	65.4	65.7	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.4
≥ 8000	55.3	62.6	64.3	65.2	65.7	66.2	66.5	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	67.3
≥ 7000	55.9	62.8	64.4	65.4	65.8	66.3	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	67.4
≥ 6000	56.4	63.2	64.9	65.8	66.3	66.8	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.8
≥ 5000	57.4	65.0	66.8	67.8	68.3	68.8	69.1	69.1	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.9
≥ 4500	57.8	65.4	67.1	68.2	68.7	69.1	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7	70.2
≥ 4000	57.9	65.7	67.5	68.6	69.0	69.6	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.7
≥ 3500	58.2	66.1	67.8	68.9	69.4	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.6	71.0
≥ 3000	58.9	66.9	68.7	69.7	70.3	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	72.0
≥ 2500	59.3	67.5	69.3	70.3	70.9	71.5	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.8
≥ 2000	59.8	68.4	70.2	71.3	71.9	72.5	73.0	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.4	73.9
≥ 1800	59.8	68.7	70.6	71.6	72.2	72.8	73.4	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.8	74.2
≥ 1500	61.6	71.2	73.5	74.6	75.7	76.2	77.0	77.1	77.1	77.4	77.4	77.4	77.5	77.5	77.5	78.0
≥ 1200	62.4	73.2	75.5	76.7	78.1	78.7	79.4	79.6	79.6	80.1	80.1	80.1	80.3	80.3	80.3	80.7
≥ 1000	62.6	74.7	77.3	78.7	80.1	80.7	81.4	81.6	81.6	82.2	82.2	82.2	82.4	82.4	82.4	82.9
≥ 900	62.6	75.5	78.1	79.7	81.3	81.9	82.7	83.0	83.0	83.6	83.6	83.6	83.8	83.8	83.8	84.3
≥ 800	62.6	76.0	78.8	80.9	82.6	83.2	84.2	84.5	84.5	85.1	85.2	85.2	85.5	85.5	85.5	85.9
≥ 700	62.6	76.7	79.8	81.9	84.0	84.9	85.8	86.3	86.6	87.4	87.5	87.5	87.7	87.7	87.7	88.2
≥ 600	62.6	76.7	79.8	81.9	84.0	85.1	86.2	86.8	87.2	88.1	88.2	88.3	88.5	88.5	88.5	89.0
≥ 500	62.6	77.0	80.1	82.6	84.9	86.2	87.6	88.3	88.8	89.7	89.8	90.0	90.4	90.4	90.5	91.0
≥ 400	62.6	77.2	80.4	83.0	85.2	86.5	88.2	89.2	90.2	91.3	91.5	91.6	92.1	92.1	92.2	92.7
≥ 300	62.6	77.2	80.4	83.0	85.2	86.8	89.0	90.5	92.0	93.6	94.0	94.2	94.9	94.9	95.0	95.5
≥ 200	62.6	77.2	80.4	83.0	85.2	86.8	89.1	90.7	92.1	94.0	94.7	94.9	95.7	95.9	96.1	96.6
≥ 100	62.6	77.2	80.4	83.0	85.2	86.8	89.1	90.8	92.3	94.2	95.0	95.3	96.6	96.9	97.6	99.6
≥ 0	62.6	77.2	80.4	83.0	85.2	86.8	89.1	90.8	92.3	94.2	95.0	95.3	96.6	96.9	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS

040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J950-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	46.3	51.4	52.0	52.2	52.6	52.7	52.7	52.7	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4
≥ 20000	51.2	57.1	57.7	58.2	58.5	58.7	58.7	58.7	59.0	59.2	59.3	59.3	59.5	59.5	59.5	59.5
≥ 18000	51.4	57.6	58.2	58.6	59.0	59.2	59.2	59.2	59.6	59.8	59.9	59.9	60.0	60.0	60.0	60.0
≥ 16000	51.7	57.9	58.5	59.0	59.3	59.6	59.6	59.6	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4
≥ 14000	52.4	58.6	59.2	59.7	60.0	60.3	60.3	60.3	60.6	60.9	61.0	61.0	61.1	61.1	61.1	61.1
≥ 12000	52.7	59.0	59.6	60.0	60.4	60.6	60.6	60.6	61.0	61.2	61.3	61.3	61.5	61.5	61.5	61.5
≥ 10000	54.7	61.8	62.4	63.1	63.7	63.9	63.9	63.9	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.8
≥ 9000	54.7	62.1	62.6	63.4	63.9	64.2	64.2	64.2	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.0
≥ 8000	55.4	62.8	63.4	64.1	64.7	64.9	64.9	64.9	65.2	65.6	65.7	65.7	65.8	65.8	65.8	65.8
≥ 7000	55.9	63.4	63.9	64.7	65.2	65.5	65.5	65.5	65.8	66.2	66.3	66.3	66.4	66.4	66.4	66.4
≥ 6000	56.4	63.8	64.4	65.1	65.7	66.0	66.0	66.0	66.3	66.7	66.8	66.8	66.9	66.9	66.9	66.9
≥ 5000	56.7	64.7	65.2	66.0	66.5	66.8	66.8	66.8	67.1	67.5	67.6	67.6	67.7	67.7	67.7	67.7
≥ 4500	57.1	65.0	65.6	66.3	66.9	67.1	67.1	67.1	67.5	67.8	68.0	68.0	68.1	68.1	68.1	68.1
≥ 4000	57.2	65.1	66.0	66.7	67.4	67.7	67.8	67.8	68.2	68.6	68.7	68.7	68.8	68.8	68.8	68.8
≥ 3500	57.7	65.8	66.8	67.5	68.3	68.7	68.8	68.8	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7
≥ 3000	58.7	67.5	68.4	69.3	70.1	70.6	70.8	70.8	71.2	71.5	71.6	71.6	71.7	71.7	71.7	71.7
≥ 2500	59.2	68.4	69.5	70.3	71.3	71.9	72.2	72.2	72.6	72.9	73.0	73.0	73.2	73.2	73.2	73.2
≥ 2000	59.7	69.5	70.6	71.4	72.3	72.9	73.6	73.8	74.1	74.7	74.8	74.8	74.9	74.9	74.9	74.9
≥ 1800	59.7	69.6	70.7	71.5	72.5	73.0	73.8	73.9	74.2	74.8	74.9	74.9	75.1	75.1	75.1	75.1
≥ 1500	60.9	71.5	72.8	73.6	74.6	75.2	75.9	76.0	76.4	77.2	77.3	77.3	77.5	77.5	77.5	77.5
≥ 1200	61.3	72.8	74.2	75.1	76.1	76.7	77.7	77.9	78.5	79.3	79.4	79.4	79.7	79.7	79.7	79.7
≥ 1000	61.8	75.3	77.1	77.9	79.2	79.8	81.0	81.3	82.0	82.9	83.0	83.0	83.2	83.2	83.2	83.2
≥ 900	61.9	76.1	78.3	79.1	80.4	81.0	82.3	83.0	83.9	85.0	85.1	85.1	85.3	85.3	85.3	85.5
≥ 800	61.9	76.5	79.1	80.0	81.4	82.0	83.3	84.0	85.0	86.2	86.3	86.3	86.5	86.5	86.5	86.9
≥ 700	61.9	76.7	79.4	80.5	82.0	82.7	84.2	85.2	86.3	87.5	87.6	87.6	87.8	87.8	87.8	88.2
≥ 600	61.9	77.0	79.8	81.1	82.7	83.6	85.1	86.4	87.6	88.9	89.1	89.1	89.5	89.5	89.5	89.8
≥ 500	61.9	77.1	80.1	81.8	83.6	84.8	86.5	88.2	89.7	91.3	91.5	91.5	91.8	91.8	91.8	92.2
≥ 400	61.9	77.1	80.3	82.0	84.3	85.8	87.9	89.7	91.4	92.9	93.3	93.3	93.6	93.7	93.7	94.1
≥ 300	61.9	77.1	80.3	82.0	84.3	85.8	88.4	90.7	92.8	94.7	95.4	95.4	96.0	96.1	96.5	96.8
≥ 200	61.9	77.3	80.5	82.3	84.5	86.1	88.7	90.9	93.0	94.9	96.3	96.3	97.3	97.5	98.0	98.3
≥ 100	61.9	77.3	80.5	82.3	84.5	86.1	88.7	90.9	93.0	94.9	96.5	96.5	97.5	97.9	98.7	99.5
≥ 0	61.9	77.3	80.5	82.3	84.5	86.1	88.7	90.9	93.0	94.9	96.5	96.5	97.5	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

8923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 3/16	≥ ¼	≥ 0	≥ 0
NO CEILING	52.3	55.7	56.1	56.5	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 2000	57.3	62.5	63.1	63.5	63.9	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1800	57.8	63.0	63.6	63.9	64.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1600	57.8	63.0	63.6	63.9	64.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1400	58.5	63.7	64.3	64.7	65.1	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1200	59.2	64.4	65.0	65.4	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1000	60.6	66.0	66.5	67.0	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 900	60.6	66.0	66.5	67.0	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 800	61.7	67.1	67.8	68.4	68.9	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 700	61.9	67.5	68.2	68.8	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 600	62.4	68.1	68.9	69.5	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 500	63.7	68.9	69.7	70.4	70.9	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 450	63.1	69.0	69.9	70.6	71.0	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 400	63.9	70.3	71.2	71.9	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 350	64.4	70.8	71.6	72.3	72.9	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 300	65.4	71.7	72.6	73.5	74.1	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 250	66.7	73.8	74.7	75.7	76.4	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 200	67.6	74.9	76.1	77.1	77.8	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 180	67.6	75.2	76.5	77.4	78.1	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 150	68.1	77.8	79.6	80.7	81.8	82.7	82.7	83.1	83.1	83.3	83.3	83.3	83.3	83.5	83.5	83.5
≥ 120	68.1	79.1	81.3	82.9	84.0	85.2	85.2	85.6	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 100	68.1	80.5	83.0	84.8	86.1	87.2	87.2	87.7	87.7	87.9	87.9	87.9	87.9	88.1	88.1	88.1
≥ 90	68.1	81.0	83.8	85.9	87.2	88.5	88.5	89.0	89.0	89.5	89.5	89.5	89.5	89.6	89.6	89.6
≥ 80	68.1	81.6	84.4	86.8	88.3	89.8	90.1	90.5	90.8	91.4	91.4	91.4	91.4	91.6	91.7	91.7
≥ 70	68.1	81.6	84.5	87.0	88.5	90.3	91.0	91.5	91.7	92.3	92.3	92.3	92.3	92.7	92.8	92.8
≥ 60	68.1	81.7	84.6	87.1	88.7	90.4	91.1	91.8	92.4	93.0	93.0	93.0	93.0	93.4	93.5	93.7
≥ 50	68.1	81.7	84.8	87.7	89.5	91.4	92.6	93.4	94.3	95.0	95.2	95.2	95.2	95.6	95.7	96.0
≥ 40	68.1	81.8	84.9	87.9	89.8	91.8	93.3	94.7	95.9	96.9	97.2	97.2	97.2	97.6	97.8	98.0
≥ 30	68.1	81.8	84.9	87.9	89.8	91.8	93.3	94.7	96.2	97.4	98.0	98.0	98.0	98.6	98.7	99.1
≥ 20	68.1	81.8	84.9	87.9	89.8	91.8	93.3	94.7	96.2	97.4	98.0	98.0	98.0	98.7	98.8	99.2
≥ 10	68.1	81.8	85.1	88.1	90.0	92.0	93.4	94.8	96.3	97.5	98.1	98.1	98.1	98.8	99.1	99.5
≥ 0	68.1	81.8	85.0	88.1	90.0	92.0	93.4	94.8	96.3	97.5	98.1	98.1	98.1	98.8	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	51.3	56.3	57.2	57.8	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	57.3	63.5	64.4	65.0	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	57.2	64.1	65.0	65.6	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	57.3	64.2	65.1	65.7	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	57.4	64.8	65.7	66.3	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	58.3	65.6	66.5	67.1	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	60.3	67.6	68.7	69.3	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	60.6	68.0	69.0	69.6	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	62.3	70.0	71.0	71.6	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	62.4	70.3	71.4	72.0	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	63.5	71.0	72.1	72.7	72.9	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	63.6	72.2	73.4	74.1	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	63.7	72.5	73.6	74.3	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	64.4	73.2	74.3	75.1	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	64.7	73.6	74.8	75.5	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	65.6	75.3	76.5	77.3	77.7	77.8	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	67.0	77.4	78.6	79.4	79.8	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	68.1	79.4	80.6	81.4	82.0	82.2	82.5	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	68.4	80.0	81.6	82.5	83.2	83.3	83.7	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	68.7	82.5	84.4	86.1	87.0	87.1	87.6	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	68.7	83.1	85.1	87.0	87.9	88.2	88.8	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	69.7	83.6	86.3	88.4	89.5	89.8	90.8	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	68.7	83.7	86.5	89.0	90.1	90.5	91.5	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	68.7	83.7	86.5	89.4	90.5	91.1	92.3	93.1	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	68.7	83.7	86.5	89.4	90.8	91.4	92.6	93.6	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.4
≥ 600	68.7	83.7	86.5	89.6	91.0	91.6	92.9	94.1	94.3	94.7	94.8	94.8	94.8	94.9	94.9	95.0
≥ 500	68.7	83.7	86.9	90.1	91.6	92.2	93.7	95.3	95.5	96.1	96.2	96.2	96.5	96.5	96.5	96.7
≥ 400	68.7	83.7	86.9	90.1	91.6	92.2	93.7	95.5	96.1	97.3	97.5	97.5	97.8	97.8	97.8	98.0
≥ 300	68.7	83.7	86.9	90.1	91.6	92.2	93.7	95.5	96.1	97.6	97.9	97.9	98.2	98.2	98.2	98.5
≥ 200	68.7	83.7	86.9	90.1	91.6	92.2	93.7	95.5	96.1	97.6	98.2	98.5	98.8	98.8	98.9	99.3
≥ 100	68.7	83.7	86.9	90.1	91.6	92.2	93.7	95.5	96.1	97.6	98.2	98.5	98.9	99.1	99.2	99.6
≥ 0	68.7	83.7	86.9	90.1	91.6	92.2	93.7	95.5	96.1	97.6	98.2	98.5	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13523

MCCONNELL AFB KS

70,73-81

FER

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	52.4	57.4	57.9	58.0	58.4	58.7	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	56.0	62.9	63.8	64.3	64.8	65.1	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000	56.1	63.4	64.3	64.8	65.2	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	56.6	63.8	64.8	65.2	65.7	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	56.9	64.3	65.2	65.7	66.2	66.5	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	58.2	65.7	66.7	67.1	67.6	68.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	60.5	68.2	69.1	69.6	70.1	70.4	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	61.0	68.7	69.6	70.1	70.6	70.9	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	62.2	69.9	70.8	71.3	71.7	72.1	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	62.4	70.2	71.2	71.6	72.1	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	63.3	70.8	71.7	72.2	72.7	73.0	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	63.9	72.2	73.3	73.8	74.2	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	64.3	72.6	73.6	74.3	74.8	75.2	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	64.7	73.0	74.1	74.8	75.3	75.7	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	65.2	74.0	75.1	75.8	76.2	76.6	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	65.8	74.7	75.8	76.6	77.1	77.4	77.5	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	67.1	77.4	78.5	79.3	79.9	80.3	80.4	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	67.8	78.5	79.6	80.4	81.1	81.6	81.8	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	68.6	79.4	80.5	81.3	82.4	82.9	83.1	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	69.5	81.2	82.4	83.7	84.9	85.5	86.1	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	69.6	81.8	83.2	85.1	86.4	87.1	87.8	88.1	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	69.6	82.3	83.7	85.8	87.5	88.5	89.5	89.7	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	69.6	82.3	83.7	85.8	87.7	89.0	90.0	90.2	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	69.6	82.5	84.2	86.4	88.4	89.7	90.7	90.9	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	69.6	82.5	84.3	87.0	89.1	90.5	91.5	91.8	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 600	69.7	82.6	84.5	87.5	89.6	91.1	92.2	92.6	93.4	93.6	93.7	93.7	93.9	93.9	93.9	93.9
≥ 500	69.7	82.6	84.6	87.7	90.1	91.6	92.7	93.3	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.0
≥ 400	69.7	82.6	84.6	87.7	90.3	91.8	93.4	94.2	95.6	96.6	97.0	97.0	97.2	97.2	97.2	97.2
≥ 300	69.7	82.6	84.6	87.7	90.3	91.8	93.4	94.4	96.1	97.3	97.8	97.8	98.0	98.0	98.0	98.0
≥ 200	69.7	82.6	84.6	87.7	90.3	91.8	93.4	94.6	96.2	97.8	98.5	98.5	98.8	98.9	98.9	98.9
≥ 100	69.7	82.6	84.6	87.7	90.3	91.8	93.4	94.6	96.2	98.1	98.8	99.1	99.5	99.8	99.9	99.9
≥ 0	69.7	82.6	84.6	87.7	90.3	91.8	93.4	94.6	96.2	98.1	98.8	99.1	99.5	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	53.4	58.4	59.3	59.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 2000	57.0	62.5	63.7	64.4	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 1800	57.7	63.5	64.7	65.4	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 1600	57.7	63.6	64.8	65.5	66.5	66.5	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 1400	58.3	64.2	65.4	66.1	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 1200	59.1	65.0	66.2	66.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 1000	61.0	66.9	68.1	68.8	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 900	61.1	67.0	68.2	68.9	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 800	62.4	68.3	69.5	70.2	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 700	63.0	69.4	70.6	71.3	72.3	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 600	63.4	69.7	70.9	71.6	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 500	64.5	71.6	72.9	73.8	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 450	65.1	72.7	74.0	74.8	76.1	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 400	65.2	73.3	74.7	75.5	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 350	66.1	74.5	75.9	76.7	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 300	66.8	75.3	76.8	77.8	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
≥ 250	67.1	76.5	78.1	79.1	80.7	80.7	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
≥ 200	67.4	77.3	79.0	80.4	82.2	82.2	82.5	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 1800	67.8	77.9	79.6	81.1	83.1	83.2	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 1500	68.7	79.6	81.6	83.7	85.9	86.1	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 1200	68.7	80.1	82.5	84.8	87.1	87.4	87.7	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.5
≥ 1000	68.8	80.7	83.3	85.6	88.1	88.3	88.7	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 900	68.8	81.2	84.2	86.8	89.5	89.8	90.2	90.4	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 800	68.8	81.3	84.3	87.0	89.7	90.1	90.4	90.7	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 700	68.9	81.6	84.9	87.8	90.5	91.0	91.4	91.6	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.6
≥ 600	68.9	81.9	86.2	89.2	92.1	92.6	92.9	93.1	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 500	63.9	82.2	86.6	89.7	93.0	93.5	94.3	94.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 400	68.9	82.2	86.6	89.8	93.3	93.9	94.9	95.6	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 300	68.9	82.2	86.6	89.8	93.4	94.0	95.0	95.7	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 200	68.9	82.2	86.6	89.8	93.4	94.0	95.0	96.0	96.6	97.8	98.0	98.0	98.0	98.0	98.0	98.2
≥ 100	68.9	82.2	86.6	89.8	93.4	94.0	95.0	96.0	96.6	97.8	98.0	98.1	98.1	98.1	98.1	98.3
≥ 0	68.9	82.2	86.6	89.8	93.4	94.0	95.0	96.0	96.6	97.8	98.0	98.1	98.1	98.1	98.1	98.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7423

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	52.2	57.2	58.0	58.5	58.9	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.6
≥ 20000	56.2	62.1	63.1	63.6	64.1	64.3	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.9
≥ 18000	56.5	62.5	63.5	64.1	64.6	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.4
≥ 16000	56.6	62.7	63.7	64.3	64.7	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.6
≥ 14000	57.0	63.2	64.2	64.8	65.3	65.5	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.1
≥ 12000	57.7	64.0	65.0	65.6	66.0	66.2	66.4	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.9
≥ 10000	59.4	65.9	66.9	67.5	68.0	68.2	68.3	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.9
≥ 9000	59.5	66.0	67.0	67.7	68.2	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.9	69.0
≥ 8000	60.5	67.1	68.2	68.8	69.3	69.5	69.6	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2
≥ 7000	60.9	67.6	68.7	69.3	69.8	70.0	70.1	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.7
≥ 6000	61.4	68.2	69.2	69.9	70.4	70.6	70.7	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.2
≥ 5000	62.5	69.7	70.8	71.5	72.1	72.3	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.9
≥ 4500	62.9	70.2	71.3	72.0	72.6	72.8	72.9	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.5
≥ 4000	63.2	70.8	71.9	72.7	73.2	73.4	73.6	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.2
≥ 3500	63.8	71.6	72.8	73.5	74.1	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.9	75.0
≥ 3000	64.6	72.6	73.8	74.6	75.3	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3
≥ 2500	65.3	73.9	75.2	76.0	76.8	77.1	77.3	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	78.0
≥ 2000	66.0	75.1	76.4	77.3	78.1	78.4	78.8	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.6
≥ 1800	66.4	75.7	77.0	78.0	78.9	79.3	79.6	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.4
≥ 1500	67.3	77.6	79.3	80.5	81.6	82.0	82.4	82.7	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.4
≥ 1200	67.6	78.7	80.6	82.0	83.2	83.7	84.2	84.5	84.6	85.0	85.0	85.0	85.2	85.2	85.2	85.3
≥ 1000	67.7	79.8	82.0	83.5	85.0	85.5	86.1	86.4	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.4
≥ 900	67.7	80.3	82.7	84.4	86.0	86.6	87.2	87.7	87.9	88.4	88.4	88.4	88.6	88.6	88.6	88.8
≥ 800	67.7	80.6	83.2	85.2	86.9	87.6	88.3	88.7	89.0	89.5	89.6	89.6	89.7	89.8	89.8	90.0
≥ 700	67.8	80.8	83.6	85.7	87.7	88.4	89.3	89.8	90.2	90.8	90.9	90.9	91.0	91.1	91.1	91.3
≥ 600	67.8	81.0	83.9	86.1	88.3	89.1	90.0	90.7	91.2	91.8	91.9	91.9	92.1	92.1	92.1	92.4
≥ 500	67.8	81.1	84.3	86.7	89.0	90.0	91.2	92.1	92.7	93.5	93.6	93.6	93.9	93.9	93.9	94.2
≥ 400	67.8	81.2	84.4	86.9	89.4	90.5	92.0	93.2	94.0	95.0	95.2	95.2	95.5	95.5	95.6	95.8
≥ 300	67.8	81.2	84.4	87.0	89.5	90.6	92.3	93.6	94.7	96.1	96.4	96.5	96.8	96.9	97.0	97.3
≥ 200	67.8	81.2	84.4	87.0	89.5	90.6	92.3	93.8	94.9	96.4	97.0	97.1	97.6	97.7	97.9	98.2
≥ 100	67.8	81.2	84.4	87.0	89.5	90.7	92.4	93.8	95.0	96.5	97.2	97.4	98.2	98.4	98.4	99.6
≥ 0	67.8	81.2	84.4	87.0	89.5	90.7	92.4	93.8	95.0	96.5	97.2	97.4	98.2	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

6769

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	53.2	56.9	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	56.8	60.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	56.9	60.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	57.0	60.8	61.7	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	57.3	61.1	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	57.6	61.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	58.3	62.3	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	58.4	62.4	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	59.6	63.7	64.6	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	60.3	64.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	60.5	65.2	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	61.8	67.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	62.5	68.0	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	63.3	69.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	64.1	70.4	71.5	71.7	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	65.1	72.4	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	65.7	74.1	75.4	75.7	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	66.8	75.6	76.9	77.2	77.3	77.3	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	67.3	76.2	77.6	78.0	78.1	78.1	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1500	68.5	78.3	79.8	80.5	80.6	80.6	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1200	68.8	79.8	81.9	82.8	82.9	82.9	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	69.9	82.6	84.8	85.9	86.1	86.1	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900	70.2	83.9	86.3	87.7	88.0	88.2	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	70.3	84.7	87.6	89.0	89.2	89.5	90.1	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	70.3	85.6	88.9	90.5	91.0	91.2	91.8	92.0	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 600	70.4	86.2	89.9	91.8	92.4	92.6	93.5	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	70.4	86.3	90.1	92.3	93.2	93.4	94.6	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	70.4	86.5	90.3	92.8	94.2	94.4	95.7	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 300	70.4	86.5	90.4	92.9	94.6	94.9	96.9	98.0	98.0	98.4	98.6	98.6	98.6	98.7	98.7	98.7
≥ 200	70.4	86.5	90.4	92.9	94.7	95.2	97.1	98.3	98.3	98.9	99.2	99.2	99.5	99.5	99.5	99.5
≥ 100	70.4	86.5	90.4	92.9	94.7	95.2	97.1	98.3	98.3	98.9	99.2	99.4	99.7	99.8	99.8	99.8
≥ 0	70.4	86.5	90.4	92.9	94.7	95.2	97.1	98.3	98.3	98.9	99.2	99.4	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03523

MCCONNELL AFB KS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	48.4	53.4	54.2	54.3	54.7	54.7	54.9	55.1	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	52.4	57.4	58.2	58.4	58.8	58.8	59.0	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	52.4	57.4	58.2	58.4	58.8	58.8	59.0	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	52.6	57.6	58.4	58.6	59.0	59.0	59.2	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	52.9	58.1	58.8	59.1	59.6	59.6	59.8	59.9	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	53.1	58.3	59.0	59.4	59.8	59.8	60.0	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	54.6	60.1	60.9	61.2	61.6	61.6	61.8	61.9	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	54.8	60.3	61.1	61.4	61.8	61.8	62.0	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	55.9	61.4	62.2	62.5	62.9	62.9	63.1	63.2	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	56.5	61.9	62.7	63.0	63.4	63.4	63.7	63.8	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	57.3	63.2	64.0	64.3	64.7	64.7	64.9	65.1	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	58.6	65.5	66.2	66.6	67.0	67.0	67.2	67.3	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	59.4	66.3	67.1	67.4	67.8	67.8	68.1	68.2	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	59.9	67.2	68.1	68.4	68.8	68.8	69.0	69.1	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	60.2	68.0	68.8	69.1	69.6	69.6	69.8	69.9	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	60.8	68.9	70.1	70.4	71.1	71.1	71.4	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	61.3	70.0	71.2	71.5	72.3	72.3	72.6	72.7	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2000	61.7	71.0	72.6	72.9	74.1	74.1	74.4	74.5	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	62.7	72.3	74.0	74.3	75.5	75.5	75.8	75.9	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	63.4	73.7	75.6	76.1	77.3	77.3	77.6	77.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1200	64.4	76.1	78.3	78.9	80.1	80.1	80.4	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1000	65.4	78.2	80.6	81.4	82.6	82.7	83.0	83.1	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 900	65.7	79.6	82.5	83.3	84.6	84.8	85.3	85.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 800	65.8	80.5	83.9	85.1	86.3	86.6	87.1	87.2	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	66.2	81.3	84.6	86.0	87.5	87.7	88.3	88.4	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 600	66.5	82.0	86.1	87.5	89.1	89.4	89.9	90.0	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	66.7	82.9	87.5	88.9	91.1	91.3	91.9	92.2	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	66.7	82.9	87.8	89.2	92.0	92.3	93.0	93.7	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	66.8	83.1	88.2	89.6	92.8	93.3	94.3	95.2	95.9	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1
≥ 200	66.9	83.2	88.4	89.9	93.2	93.9	94.9	96.2	97.0	98.0	98.3	98.4	98.5	98.7	98.7	98.7	98.7
≥ 100	66.9	83.2	88.4	89.9	93.2	93.9	94.9	96.2	97.1	98.1	98.5	98.6	98.8	99.0	99.0	99.5	99.5
≥ 0	66.9	83.2	88.4	89.9	93.2	93.9	94.9	96.2	97.1	98.1	98.5	98.6	98.8	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

70, 73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.3	46.1	47.5	48.2	49.7	48.8	49.0	49.1	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.6
≥ 20000	45.8	51.4	52.9	53.7	54.3	54.4	54.6	54.8	55.1	55.3	55.3	55.3	55.3	55.4	55.5	55.5
≥ 18000	46.0	51.6	53.1	53.9	54.5	54.6	54.8	55.1	55.3	55.5	55.5	55.5	55.5	55.6	55.7	55.7
≥ 16000	46.2	51.8	53.3	54.1	54.7	54.8	55.1	55.3	55.5	55.7	55.7	55.7	55.7	55.8	55.9	55.9
≥ 14000	46.6	52.4	53.9	54.7	55.4	55.5	55.7	55.9	56.1	56.3	56.3	56.3	56.3	56.5	56.6	56.6
≥ 12000	47.6	53.7	55.2	56.0	56.7	56.8	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.7	57.8	57.8
≥ 10000	49.1	55.4	57.0	57.8	58.5	58.7	58.9	59.1	59.4	59.6	59.6	59.6	59.6	59.7	59.8	59.8
≥ 9000	49.6	55.9	57.5	58.4	59.0	59.2	59.5	59.7	59.9	60.1	60.1	60.1	60.1	60.2	60.3	60.3
≥ 8000	51.5	58.2	59.8	60.6	61.3	61.5	61.7	61.9	62.2	62.4	62.4	62.4	62.4	62.5	62.6	62.6
≥ 7000	52.7	59.7	61.3	62.2	62.8	63.0	63.2	63.4	63.7	63.9	63.9	63.9	63.9	64.0	64.1	64.1
≥ 6000	53.0	60.2	61.9	62.9	63.5	63.8	64.0	64.2	64.4	64.6	64.6	64.6	64.6	64.7	64.8	64.8
≥ 5000	54.0	62.2	63.9	64.8	65.5	65.8	66.0	66.2	66.5	66.7	66.7	66.7	66.7	66.8	66.9	66.9
≥ 4500	54.6	63.1	64.9	65.9	66.6	66.9	67.1	67.3	67.5	67.7	67.7	67.7	67.7	67.8	68.0	68.0
≥ 4000	55.2	64.1	65.9	67.1	67.7	68.2	68.4	68.6	68.9	69.1	69.1	69.1	69.1	69.2	69.4	69.4
≥ 3500	55.4	64.6	66.5	67.6	68.3	68.7	68.9	69.1	69.5	69.7	69.7	69.7	69.7	69.8	69.9	69.9
≥ 3000	55.4	65.4	67.5	68.7	69.4	69.8	70.0	70.2	70.5	70.8	70.8	70.8	70.8	70.9	71.0	71.0
≥ 2500	55.7	65.9	68.2	69.4	70.1	70.5	70.8	71.0	71.3	71.5	71.5	71.5	71.5	71.6	71.7	71.7
≥ 2000	56.7	67.5	70.0	71.4	72.3	72.7	72.9	73.1	73.4	73.7	73.7	73.7	73.7	73.8	73.9	73.9
≥ 1800	57.2	68.4	70.9	72.4	73.3	73.8	74.0	74.2	74.5	74.7	74.7	74.7	74.7	74.8	74.9	74.9
≥ 1500	58.3	70.6	73.4	74.9	76.0	76.6	77.0	77.2	77.5	77.7	77.7	77.7	77.7	77.8	78.0	78.0
≥ 1200	58.7	71.8	74.7	76.3	77.6	78.2	78.6	78.8	79.1	79.4	79.4	79.4	79.4	79.5	79.6	79.6
≥ 1000	59.4	73.2	76.5	78.7	80.2	80.9	81.4	81.6	82.0	82.3	82.3	82.3	82.3	82.4	82.5	82.5
≥ 900	59.5	74.0	77.6	79.9	81.4	82.2	82.8	83.0	83.4	83.7	83.7	83.7	83.7	83.8	83.9	83.9
≥ 800	59.5	74.6	78.5	81.4	83.1	84.0	84.6	84.8	85.3	85.5	85.6	85.6	85.6	85.7	85.8	85.8
≥ 700	59.7	75.3	79.2	82.7	84.6	85.7	86.3	86.7	87.1	87.4	87.6	87.6	87.6	87.7	87.8	87.8
≥ 600	59.8	76.0	80.4	84.2	87.1	88.4	89.5	89.9	90.3	90.6	91.1	91.1	91.1	91.2	91.3	91.3
≥ 500	59.9	76.7	81.5	85.7	89.0	90.5	91.9	92.5	93.0	93.4	93.9	94.0	94.0	94.1	94.2	94.2
≥ 400	59.9	76.8	81.7	86.0	89.9	91.4	92.9	93.7	94.4	94.9	95.4	95.5	95.6	95.7	95.8	95.8
≥ 300	59.9	76.8	81.7	86.2	90.2	91.9	93.7	94.5	95.5	96.1	96.8	96.9	97.0	97.1	97.3	97.3
≥ 200	59.9	76.8	81.7	86.3	90.3	92.0	93.8	95.1	96.1	97.0	97.7	97.8	98.2	98.5	98.8	98.9
≥ 100	59.9	76.8	81.7	86.3	90.3	92.0	93.8	95.1	96.1	97.2	98.2	98.3	98.6	99.0	99.5	99.7
≥ 0	59.9	76.8	81.7	86.3	90.3	92.0	93.8	95.1	96.1	97.2	98.2	98.3	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

07923

MCCONNELL AFB KS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	43.1	46.3	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	48.6	52.2	53.0	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9
IV 18000	48.9	52.5	53.3	53.4	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2
IV 16000	49.0	52.6	53.4	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3
IV 14000	49.7	53.4	54.4	54.5	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3
IV 12000	51.3	55.2	56.1	56.2	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0
IV 10000	53.0	57.3	58.3	58.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
IV 9000	53.4	57.8	58.8	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7
IV 8000	54.6	59.4	60.3	60.4	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
IV 7000	55.6	60.5	61.6	61.7	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5
IV 6000	56.5	61.4	62.5	62.6	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5
IV 5000	56.8	62.2	63.2	63.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3
IV 4500	56.8	62.8	64.0	64.1	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3
IV 4000	57.3	63.4	64.7	65.1	65.9	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
IV 3500	57.6	63.9	65.2	65.5	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 3000	58.0	64.5	65.8	66.2	67.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0
IV 2500	58.7	65.6	67.0	67.5	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2
IV 2000	60.0	67.4	69.5	70.1	71.0	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 1800	60.4	68.3	70.3	71.0	71.8	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
IV 1500	61.7	72.3	74.6	76.0	77.1	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
IV 1200	62.7	74.5	77.1	78.7	79.9	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
IV 1000	62.9	75.7	78.5	80.2	81.8	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
IV 900	63.0	76.5	79.6	81.4	83.4	84.2	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
IV 800	63.1	77.5	80.9	83.1	85.7	87.0	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV 700	63.4	78.4	82.0	84.5	87.1	88.7	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 600	63.7	79.1	83.5	86.5	89.5	91.3	92.4	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV 500	63.7	79.4	84.1	87.2	90.4	92.5	94.1	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2
IV 400	63.7	79.4	84.2	87.3	90.8	93.1	95.1	96.1	96.3	96.8	96.8	96.8	96.8	96.9	96.9	96.9
IV 300	63.7	79.4	84.2	87.3	91.1	93.4	95.4	96.7	97.4	98.0	98.0	98.0	98.0	98.1	98.3	98.3
IV 200	63.7	79.4	84.2	87.3	91.1	93.4	95.5	96.8	97.7	98.8	98.8	98.9	99.4	99.6	99.7	99.7
IV 100	63.7	79.4	84.2	87.3	91.1	93.4	95.5	96.8	97.7	98.8	98.9	99.0	99.6	99.8	99.9	99.9
IV 0	63.7	79.4	84.2	87.3	91.1	93.4	95.5	96.8	97.7	98.8	98.9	99.0	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03523

MCCONNELL AFB KS

70,73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	46.2	48.0	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	52.9	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	53.4	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	53.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	54.6	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	55.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	57.7	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9500	58.2	61.2	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	59.5	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	60.4	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	61.1	64.8	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	61.8	66.1	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	62.2	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	62.6	67.3	67.6	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	64.0	68.9	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	65.2	70.2	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	67.0	72.3	72.8	72.9	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2000	69.6	76.0	77.2	77.4	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1800	70.1	77.1	78.5	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1500	70.8	79.7	81.5	82.5	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1200	71.5	81.9	84.1	85.2	85.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	71.6	83.1	85.3	86.8	87.7	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	71.6	83.4	85.6	87.2	88.4	88.7	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	71.7	84.4	87.0	88.7	90.0	90.6	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700	71.8	84.7	87.6	89.6	91.1	91.9	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	71.9	85.3	88.3	90.3	92.4	93.3	94.4	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	71.9	85.5	88.6	90.9	93.0	94.2	95.5	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	71.9	85.8	89.1	91.4	94.0	95.3	96.7	97.5	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	71.9	85.8	89.1	91.5	94.1	95.4	96.9	98.0	98.7	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 200	71.9	85.9	89.2	91.6	94.2	95.5	97.0	98.1	98.8	99.4	99.5	99.5	99.6	99.7	99.8	99.8
≥ 100	71.9	86.0	89.4	91.7	94.3	95.6	97.1	98.2	98.9	99.5	99.6	99.6	99.8	99.9	100.0	100.0
≥ 0	71.9	86.0	89.4	91.7	94.3	95.6	97.1	98.2	98.9	99.5	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	47.5	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	54.4	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	55.2	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	55.6	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	56.7	59.5	60.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	57.8	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	59.4	62.8	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 8000	59.9	63.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	60.5	64.5	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	61.7	65.9	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	62.3	66.8	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500	63.1	67.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	64.3	69.4	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500	65.4	70.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	66.9	72.4	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	68.1	74.1	75.6	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	70.5	77.8	79.5	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1800	71.5	80.0	81.7	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1600	71.7	80.9	82.6	83.2	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	72.3	82.9	85.1	86.2	86.8	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	72.7	84.8	87.3	88.9	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	72.7	85.9	88.5	90.5	91.7	91.9	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	72.8	86.5	89.1	91.3	92.6	92.9	93.4	93.7	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	72.8	86.6	89.6	91.7	93.0	93.3	93.9	94.1	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	72.8	86.8	89.8	92.2	93.4	93.8	94.4	94.7	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	72.8	87.0	90.1	92.5	93.8	94.1	94.7	95.1	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	72.9	87.1	90.3	92.9	94.3	94.8	95.8	96.8	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	73.1	87.3	90.5	93.4	94.9	95.6	96.7	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	73.1	87.3	90.5	93.5	95.3	95.9	97.4	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	73.1	87.3	90.5	93.5	95.3	95.9	97.4	98.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.1	87.3	90.5	93.5	95.3	95.9	97.4	98.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.1	87.3	90.5	93.5	95.3	95.9	97.4	98.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

70,73-81

MAF

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.6	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	56.7	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	56.3	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	56.9	60.8	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	57.3	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	58.4	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	59.6	64.5	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	59.7	64.7	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	61.0	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	61.9	68.5	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	62.3	68.8	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	63.5	70.8	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	64.3	72.0	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	65.2	74.2	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	66.1	75.6	76.3	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	66.9	77.5	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	68.7	79.7	81.2	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	69.8	82.0	83.7	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	70.4	83.5	85.4	86.0	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	71.1	85.1	87.0	88.1	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	71.8	86.1	88.3	89.6	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	72.2	87.5	90.2	91.6	92.8	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	72.3	87.7	90.6	92.2	93.7	94.0	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	72.3	87.8	90.8	92.5	94.1	94.5	94.8	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	72.3	88.0	91.1	93.3	95.2	95.6	96.1	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	72.3	88.2	91.3	93.5	95.4	96.0	96.6	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	72.3	88.3	91.4	93.8	95.7	96.5	97.1	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	72.3	88.3	91.4	94.0	96.0	96.8	97.4	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	72.3	88.3	91.4	94.0	96.0	96.8	97.6	98.5	98.8	99.2	99.2	99.2	99.4	99.5	99.6	99.6
≥ 200	72.3	88.3	91.4	94.0	96.0	96.8	97.6	98.5	98.8	99.4	99.4	99.4	99.5	99.6	99.8	99.8
≥ 100	72.3	88.3	91.4	94.0	96.0	96.8	97.6	98.5	98.8	99.4	99.5	99.5	99.6	99.7	99.9	100.0
≥ 0	72.3	88.3	91.4	94.0	96.0	96.8	97.6	98.5	98.8	99.4	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

70,73-81

WAD

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥5/16	≥¼	≥0
NO CEILING	54.6	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	57.4	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	57.7	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	58.7	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	58.8	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	59.2	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	60.4	64.7	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	60.4	64.8	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	61.4	66.2	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	61.9	66.9	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	62.4	67.4	68.0	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	64.5	70.2	70.9	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	65.2	71.1	71.7	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	66.6	72.8	73.4	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	67.4	74.0	74.6	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	67.8	75.2	75.9	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2500	68.9	77.4	78.4	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	70.6	80.4	81.4	82.0	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	71.5	81.5	82.9	83.5	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	72.9	83.4	85.1	86.0	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	73.8	85.4	87.0	88.0	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	74.1	86.9	88.8	89.8	90.6	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	74.3	87.3	89.4	90.6	91.6	91.6	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	74.3	87.7	90.0	91.7	92.7	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	74.4	88.9	91.7	93.7	94.7	94.7	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	74.4	89.1	92.2	94.2	95.3	95.3	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	74.4	89.4	92.4	94.6	95.7	95.7	96.3	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	74.4	89.4	92.4	94.9	96.2	96.2	97.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	74.4	89.4	92.4	95.1	96.7	96.7	97.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	74.4	89.4	92.4	95.1	96.7	96.8	97.6	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	74.4	89.4	92.4	95.1	96.7	96.8	97.6	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥ 0	74.4	89.4	92.4	95.1	96.7	96.8	97.6	98.9	99.0	99.5	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

937

USAF ETAC

FORM
JUL 64

0-14-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	48.0	51.5	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	53.3	57.0	57.6	57.8	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	53.4	57.3	58.0	58.1	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
≥ 16000	53.6	57.6	58.2	58.4	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	54.2	58.2	58.9	59.1	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7
≥ 12000	55.1	59.3	60.0	60.2	60.4	60.4	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	56.5	61.0	61.8	62.0	62.2	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	56.8	61.3	62.2	62.4	62.6	62.6	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	58.0	62.9	63.7	63.9	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5
≥ 7000	58.9	64.0	64.8	65.0	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
≥ 6000	59.4	64.7	65.6	65.9	66.2	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	60.5	66.5	67.4	67.7	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	61.1	67.4	68.4	68.7	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 4000	61.9	68.6	69.7	70.0	70.3	70.5	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3500	62.7	69.7	70.7	71.1	71.5	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	63.4	71.0	72.2	72.6	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	64.6	72.8	74.2	74.7	75.1	75.2	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	65.8	75.0	76.6	77.2	77.8	77.9	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	66.4	76.0	77.8	78.4	79.0	79.1	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	67.4	78.2	80.3	81.3	82.0	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	68.1	80.1	82.3	83.5	84.4	84.6	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	68.5	81.6	84.2	85.6	86.7	87.0	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 900	68.7	82.4	85.1	86.7	88.0	88.3	88.9	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 800	68.7	83.3	86.0	87.9	89.3	89.8	90.4	90.6	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 700	68.9	83.6	86.9	89.1	90.6	91.2	91.8	92.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	69.0	84.1	87.7	90.1	91.9	92.5	93.4	93.8	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	69.0	84.4	88.2	90.8	92.8	93.6	94.7	95.3	95.5	95.8	95.9	95.9	95.9	95.9	96.0	96.0
≥ 400	69.0	84.5	88.4	91.1	93.5	94.4	95.6	96.4	96.7	97.2	97.3	97.3	97.3	97.4	97.4	97.4
≥ 300	69.1	84.6	88.5	91.3	93.8	94.8	96.2	97.3	97.8	98.2	98.4	98.4	98.5	98.5	98.6	98.6
≥ 200	69.1	84.6	88.5	91.3	93.9	94.9	96.4	97.6	98.1	98.8	99.1	99.1	99.3	99.4	99.5	99.5
≥ 100	69.1	84.6	88.5	91.3	94.0	94.9	96.4	97.6	98.1	98.9	99.2	99.3	99.5	99.6	99.7	99.8
≥ 0	69.1	84.6	88.5	91.3	94.0	94.9	96.4	97.6	98.1	98.9	99.2	99.3	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	51.1	65.3	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	64.1	69.1	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	64.9	69.9	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	65.3	70.0	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	65.4	70.4	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	66.3	71.3	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	67.4	72.6	73.1	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	67.6	72.7	73.2	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	68.2	73.6	74.1	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	69.1	74.8	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	69.8	75.7	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	72.0	78.1	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	72.8	79.1	80.1	80.4	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	73.7	80.8	81.8	82.1	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	74.4	82.0	83.0	83.3	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	75.0	83.0	84.1	84.6	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	76.2	84.7	85.8	86.3	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	77.6	86.3	87.7	88.2	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	77.7	86.8	88.1	88.7	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	78.3	87.7	89.0	89.6	90.0	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	79.1	89.2	90.8	91.6	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	80.0	91.1	93.1	94.2	94.7	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	80.4	91.9	93.9	95.1	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	80.7	92.2	94.3	95.6	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	80.7	92.3	94.4	95.7	96.2	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	80.8	93.2	95.3	96.9	97.4	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	80.8	93.3	95.4	97.1	97.7	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	80.8	93.8	95.9	97.9	98.4	98.4	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	80.8	93.8	95.9	97.9	98.7	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	80.8	93.8	95.9	97.9	98.7	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	80.8	93.8	95.9	97.9	98.7	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	80.8	93.8	95.9	97.9	98.7	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03423

MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.3	60.6	60.8	61.1	61.6	61.7	61.8	62.1	62.1	62.3	62.4	62.4	62.6	62.6	62.7	62.7
≥ 20000	59.2	64.1	64.3	64.7	65.1	65.2	65.3	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.2	66.2
≥ 18000	60.0	64.9	65.1	65.4	65.9	66.0	66.1	66.4	66.4	66.7	66.8	66.8	66.9	66.9	67.0	67.0
≥ 16000	60.0	64.9	65.1	65.4	65.9	66.0	66.1	66.4	66.4	66.7	66.8	66.8	66.9	66.9	67.0	67.0
≥ 14000	60.4	65.3	65.6	65.9	66.3	66.4	66.6	66.9	66.9	67.1	67.2	67.2	67.3	67.3	67.4	67.4
≥ 12000	61.1	66.1	66.3	66.7	67.1	67.2	67.3	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.2	68.2
≥ 10000	62.9	68.0	68.2	68.6	69.0	69.1	69.2	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.1
≥ 9000	62.9	68.0	68.2	68.6	69.0	69.1	69.2	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.1
≥ 8000	64.4	69.6	69.8	70.1	70.6	70.7	70.8	71.1	71.1	71.3	71.4	71.4	71.6	71.6	71.7	71.7
≥ 7000	64.8	70.0	70.2	70.6	71.0	71.1	71.2	71.6	71.6	71.8	71.9	71.9	72.0	72.0	72.1	72.1
≥ 6000	65.3	71.0	71.2	71.6	72.0	72.1	72.2	72.6	72.6	72.8	72.9	72.9	73.0	73.0	73.1	73.1
≥ 5000	67.8	74.0	74.2	74.7	75.1	75.2	75.3	75.7	75.8	76.0	76.1	76.1	76.2	76.2	76.3	76.3
≥ 4500	68.6	75.3	75.7	76.1	76.7	76.8	77.0	77.3	77.4	77.7	77.8	77.8	77.9	77.9	78.0	78.0
≥ 4000	69.2	76.2	76.6	77.1	77.7	77.8	78.0	78.3	78.4	78.7	78.8	78.8	78.9	78.9	79.0	79.0
≥ 3500	70.8	77.9	78.2	78.8	79.3	79.4	79.7	80.0	80.1	80.3	80.4	80.4	80.6	80.6	80.7	80.7
≥ 3000	71.9	80.1	80.4	81.0	81.6	81.7	81.9	82.2	82.3	82.6	82.7	82.7	82.8	82.8	82.9	82.9
≥ 2500	72.9	82.0	82.7	83.2	83.8	83.9	84.1	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.1	85.1
≥ 2000	73.4	83.0	83.8	84.4	85.0	85.1	85.3	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.3	86.3
≥ 1800	73.7	83.3	84.1	84.8	85.4	85.6	85.8	86.1	86.2	86.4	86.6	86.6	86.7	86.7	86.8	86.8
≥ 1500	74.4	84.9	85.7	86.6	87.3	87.4	87.7	88.0	88.1	88.3	88.4	88.4	88.6	88.6	88.7	88.7
≥ 1200	75.1	86.6	87.6	88.6	89.4	89.6	89.8	90.1	90.2	90.4	90.6	90.6	90.7	90.7	90.8	90.8
≥ 1000	75.7	87.9	89.4	90.6	91.7	91.8	92.0	92.3	92.4	92.7	92.8	92.8	92.9	92.9	93.0	93.0
≥ 900	75.9	88.6	90.6	91.7	92.8	92.9	93.1	93.4	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥ 800	75.9	88.7	90.9	92.0	93.2	93.3	93.8	94.1	94.2	94.4	94.6	94.6	94.7	94.7	94.8	94.8
≥ 700	76.0	89.0	91.7	93.0	94.2	94.3	94.8	95.1	95.2	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 600	76.0	89.7	92.4	93.9	95.1	95.2	95.8	96.1	96.2	96.4	96.6	96.6	96.7	96.7	96.8	96.8
≥ 500	76.0	89.9	92.7	94.7	95.9	96.1	96.7	97.0	97.2	97.4	97.6	97.6	97.7	97.7	97.8	97.8
≥ 400	76.0	90.3	93.1	95.6	96.8	97.0	97.7	98.0	98.3	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 300	76.0	90.3	93.1	95.7	96.9	97.1	97.8	98.1	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.3
≥ 200	76.0	90.3	93.1	95.7	96.9	97.1	98.0	98.3	98.8	99.1	99.3	99.3	99.4	99.4	99.6	99.8
≥ 100	76.0	90.3	93.1	95.7	96.9	97.1	98.0	98.3	98.8	99.1	99.3	99.3	99.6	99.6	99.7	99.9
≥ 0	76.0	90.3	93.1	95.7	96.9	97.1	98.0	98.3	98.8	99.1	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7423

MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0
NO RECORD	50.1	54.1	54.9	55.1	55.3	55.4	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.2
≥ 20000	54.4	59.7	60.6	60.8	61.0	61.1	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.9
≥ 18000	55.0	60.2	61.1	61.3	61.6	61.7	61.7	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.4
≥ 16000	55.4	60.7	61.6	61.8	62.0	62.1	62.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.9
≥ 14000	55.7	61.1	62.1	62.2	62.6	62.7	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.4
≥ 12000	56.7	62.4	63.4	63.7	64.2	64.3	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.1
≥ 10000	59.1	64.9	65.9	66.1	66.7	66.8	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.6
≥ 9500	59.1	64.9	65.9	66.1	66.7	66.8	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.6
≥ 8000	60.4	67.0	68.0	68.3	68.9	69.0	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.8
≥ 7000	61.1	68.2	69.3	69.7	70.2	70.3	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.1
≥ 6000	62.2	69.6	70.7	71.0	71.6	71.7	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.4
≥ 5000	64.4	72.3	73.4	73.8	74.3	74.4	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.2
≥ 4500	64.6	72.7	73.8	74.6	75.2	75.3	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.1
≥ 4000	65.3	74.1	75.6	76.4	77.2	77.4	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.2
≥ 3500	66.0	75.0	76.6	77.6	78.3	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.3
≥ 3000	66.6	75.9	77.6	78.6	79.3	79.6	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.3
≥ 2500	68.4	78.4	80.3	81.4	82.3	82.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.3
≥ 2000	69.3	80.6	82.7	84.0	84.9	85.2	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.2
≥ 1800	69.8	81.7	83.8	85.1	86.0	86.4	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.6
≥ 1500	70.7	83.2	85.3	86.8	87.7	88.3	88.7	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.7
≥ 1200	70.9	83.8	86.0	87.6	88.4	89.3	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.6	90.8
≥ 1000	71.0	84.1	86.8	88.4	89.4	90.3	90.8	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.8
≥ 900	71.1	84.6	87.4	89.2	90.3	91.2	91.7	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.9
≥ 800	71.3	85.0	88.1	89.9	91.1	92.0	92.6	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.6	93.8
≥ 700	71.4	85.3	88.4	90.4	91.7	92.6	93.1	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.3
≥ 600	71.4	85.8	89.1	91.4	92.7	93.7	94.2	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.6
≥ 500	71.6	86.1	89.7	92.1	93.3	94.3	95.1	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.9
≥ 400	71.6	86.2	89.8	92.2	93.4	94.4	95.2	96.1	96.6	96.8	97.0	97.0	97.0	97.0	97.1	97.3
≥ 300	71.7	86.3	89.9	92.3	93.8	94.8	95.7	96.8	97.4	97.9	98.1	98.2	98.3	98.3	98.7	99.0
≥ 200	71.7	86.3	89.9	92.3	93.9	94.9	95.8	96.9	97.6	98.0	98.3	98.4	98.6	98.6	98.9	99.3
≥ 100	71.7	86.3	89.9	92.3	93.9	94.9	95.8	96.9	97.6	98.0	98.3	98.4	98.6	98.6	98.9	99.6
≥ 0	71.7	86.3	89.9	92.3	93.9	94.9	95.8	96.9	97.6	98.0	98.3	98.4	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MC CONNELL AFB KS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	52.0	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	57.0	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	57.1	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	57.3	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	57.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	58.4	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	60.6	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	60.9	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	62.7	67.6	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	64.0	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	65.2	70.1	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	66.6	71.7	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	66.8	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	67.3	73.1	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	67.7	73.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3000	68.3	74.7	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	70.6	77.3	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	71.9	80.9	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	72.7	82.4	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	74.2	85.3	86.0	86.6	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 1200	74.7	86.7	87.7	88.3	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1000	75.2	87.6	89.2	90.1	90.8	91.0	91.1	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	75.7	88.2	89.9	90.9	91.6	92.0	92.2	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6
≥ 800	75.9	89.6	91.4	92.6	93.3	94.0	94.2	94.2	94.2	94.3	94.4	94.4	94.6	94.6	94.6	94.6
≥ 700	76.1	90.4	92.4	93.7	94.6	95.2	95.6	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 600	76.2	90.7	92.8	94.2	95.1	95.8	96.3	96.4	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	76.6	91.2	93.3	94.9	95.9	96.6	97.1	97.2	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 400	76.6	91.2	93.3	94.9	96.0	96.7	97.3	97.7	98.0	98.3	98.6	98.6	98.8	98.8	98.8	98.8
≥ 300	76.6	91.2	93.4	95.0	96.2	97.0	97.8	98.1	98.8	99.2	99.4	99.4	99.8	99.8	99.8	99.8
≥ 200	76.6	91.2	93.4	95.0	96.3	97.1	97.9	98.2	98.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	76.6	91.2	93.4	95.0	96.3	97.1	97.9	98.2	98.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	76.6	91.2	93.4	95.0	96.3	97.1	97.9	98.2	98.9	99.3	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7223 MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	58.0	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	58.3	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	58.6	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	59.0	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	59.9	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	61.6	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9500	61.7	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	63.7	67.3	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	64.8	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	65.3	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	66.4	70.9	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	66.7	71.1	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	68.0	73.2	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	68.6	73.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	70.0	75.9	76.2	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	73.1	80.7	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	75.7	84.1	85.0	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	76.2	85.0	85.9	86.3	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	77.8	88.1	89.2	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	78.2	91.2	92.4	93.3	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	78.3	92.9	94.2	95.3	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	78.4	93.4	94.9	96.0	96.4	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	78.4	93.7	95.1	96.2	96.7	97.0	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	78.4	94.0	95.4	96.7	97.2	97.7	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	78.4	94.1	95.6	96.8	97.3	97.8	98.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	78.4	94.1	95.6	96.8	97.3	97.9	98.4	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	78.4	94.1	95.6	96.8	97.3	97.9	98.4	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	78.4	94.1	95.6	96.8	97.3	97.9	98.4	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	78.4	94.1	95.6	96.8	97.3	97.9	98.4	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	78.4	94.1	95.6	96.8	97.3	97.9	98.4	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	53.2	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	60.3	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	61.2	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	61.7	64.1	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	63.0	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	64.1	67.0	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	65.6	69.1	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	65.8	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	67.8	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	68.8	73.2	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	69.9	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	71.3	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	71.4	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	73.0	78.3	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	74.2	79.8	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	76.0	82.8	83.2	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	78.2	85.6	86.1	87.0	87.2	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	80.0	88.1	88.8	89.7	89.9	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	80.6	89.6	90.2	91.1	91.3	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	81.3	91.9	93.0	94.0	94.2	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	82.0	93.4	94.6	95.7	95.9	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	82.1	94.0	95.2	96.7	97.0	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	82.1	94.2	95.7	97.3	97.7	97.9	97.9	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	82.1	94.3	95.9	97.6	97.9	98.1	98.1	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	82.1	94.4	96.0	97.7	98.0	98.3	98.3	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	82.1	94.6	96.2	97.9	98.2	98.6	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	82.1	94.6	96.2	97.9	98.2	98.6	98.6	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	82.1	94.6	96.2	97.9	98.2	98.6	98.7	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	82.1	94.6	96.2	97.9	98.2	98.6	98.7	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	82.1	94.6	96.2	97.9	98.2	98.6	98.7	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	82.1	94.6	96.2	97.9	98.2	98.6	98.7	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	82.1	94.6	96.2	97.9	98.2	98.6	98.7	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	57.3	59.6	59.7	59.7	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	64.2	68.3	68.4	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	64.8	68.9	69.0	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 16000	65.1	69.3	69.4	69.4	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 14000	65.9	70.3	70.4	70.4	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 12000	67.2	72.1	72.2	72.3	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	68.6	74.1	74.3	74.4	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	68.6	74.2	74.4	74.6	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 8000	69.7	76.1	76.3	76.4	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 7000	71.1	77.9	78.1	78.2	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 6000	72.6	79.7	79.9	80.0	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 5000	73.9	81.4	82.0	82.2	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	74.7	82.4	83.0	83.2	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	75.4	83.7	84.3	84.7	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3500	76.2	84.8	85.4	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	76.8	85.8	86.4	86.8	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	78.6	88.4	89.3	90.0	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	79.1	90.1	91.2	92.0	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	79.1	90.6	91.7	92.4	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1500	79.2	91.0	92.1	92.9	93.4	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	79.2	91.3	92.6	93.4	94.1	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	79.2	92.0	93.4	94.3	95.2	95.3	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	79.2	92.4	94.2	95.1	96.0	96.3	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	79.2	92.6	94.4	95.4	96.3	96.7	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	79.2	92.8	94.7	95.7	97.0	97.3	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	79.2	93.1	95.0	96.0	97.3	97.7	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	79.2	93.1	95.0	96.2	97.7	98.0	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	79.2	93.1	95.0	96.2	97.7	98.1	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	79.2	93.1	95.0	96.2	97.7	98.1	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	79.2	93.1	95.0	96.2	97.7	98.1	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	79.2	93.1	95.0	96.2	97.7	98.1	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	79.2	93.1	95.0	96.2	97.7	98.1	98.8	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	60.8	64.6	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	65.4	70.0	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	65.8	70.3	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	66.0	70.6	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	66.4	71.0	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	67.1	71.8	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	68.6	73.6	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9500	69.0	74.2	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	70.2	76.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	71.3	77.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	72.6	78.8	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	75.3	82.0	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	75.8	82.6	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	76.4	83.7	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	77.3	85.1	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	77.4	85.4	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	78.7	87.6	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	79.1	88.3	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	79.1	88.3	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	79.7	89.2	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	80.2	90.3	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	80.6	91.6	93.7	94.4	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	80.6	92.0	94.2	95.1	95.4	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	80.7	92.6	94.8	95.7	96.0	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	80.9	93.3	95.7	96.6	97.1	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	81.1	93.9	96.4	97.4	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	81.1	94.2	96.9	97.9	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	81.1	94.4	97.1	98.1	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	81.1	94.4	97.1	98.2	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.1	94.4	97.1	98.2	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.1	94.4	97.1	98.2	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.1	94.4	97.1	98.2	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	55.4	58.2	58.6	58.8	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 20000	60.3	64.3	64.7	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
≥ 18000	60.9	64.8	65.2	65.4	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
≥ 16000	61.1	65.1	65.5	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
≥ 14000	61.7	65.8	66.2	66.3	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 12000	62.6	66.9	67.4	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
≥ 10000	64.3	69.0	69.5	69.7	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 9000	64.4	69.3	69.7	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4
≥ 8000	65.9	71.2	71.6	71.8	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	66.9	72.4	72.9	73.1	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 6000	67.9	73.6	74.1	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	69.7	75.9	76.6	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	70.2	76.5	77.2	77.5	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
≥ 4000	71.1	77.9	78.7	79.0	79.3	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 3500	71.9	79.0	79.8	80.2	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
≥ 3000	72.8	80.4	81.3	81.7	82.0	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 2500	74.6	83.1	84.1	84.7	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 2000	75.8	85.2	86.3	87.0	87.3	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	76.1	86.0	87.1	87.7	88.1	88.2	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	76.9	87.7	88.9	89.7	90.1	90.3	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	77.4	89.1	90.5	91.4	91.9	92.1	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 1000	77.8	90.1	91.9	93.0	93.7	93.9	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 900	77.9	90.7	92.6	93.8	94.5	94.8	95.0	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 800	78.0	91.1	93.1	94.4	95.1	95.4	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	78.1	91.5	93.6	94.9	95.8	96.1	96.5	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	78.2	91.9	94.1	95.6	96.4	96.8	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 500	78.2	92.1	94.3	95.9	96.8	97.3	97.7	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	78.2	92.2	94.5	96.2	97.1	97.6	98.1	98.6	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	78.2	92.2	94.5	96.3	97.3	97.8	98.3	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	78.2	92.2	94.5	96.3	97.3	97.8	98.3	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	78.2	92.2	94.5	96.3	97.3	97.8	98.3	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	78.2	92.2	94.5	96.3	97.3	97.8	98.3	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	57.4	62.0	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 20000	63.0	68.5	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 18000	63.4	68.9	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
≥ 16000	63.5	69.0	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 14000	63.9	69.5	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 12000	64.6	70.2	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 10000	67.2	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 9000	67.2	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 8000	68.8	75.5	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 7000	69.9	76.9	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 6000	71.1	78.3	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
≥ 5000	72.6	80.9	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 4500	72.9	81.5	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 4000	74.1	84.0	85.6	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5
≥ 3500	74.8	85.5	87.2	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 3000	74.9	86.6	88.4	88.8	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 2500	75.2	87.8	89.9	90.4	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 2000	75.5	88.6	90.8	91.3	92.0	92.2	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1800	75.7	88.8	91.0	91.5	92.3	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1500	76.2	89.8	91.9	92.5	93.2	93.3	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1200	76.6	90.5	92.7	93.3	94.1	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1000	76.8	91.5	93.8	94.5	95.4	95.5	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 900	76.8	91.7	94.3	95.1	95.9	96.0	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 800	76.9	91.8	94.6	95.4	96.3	96.5	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 700	76.9	92.0	94.9	95.7	96.8	97.0	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 600	77.0	92.5	95.4	96.1	97.3	97.5	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 500	77.0	92.5	95.4	96.1	97.3	97.5	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	77.0	92.6	95.5	96.2	97.4	97.6	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 300	77.0	92.6	95.5	96.3	97.7	98.1	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 200	77.0	92.6	95.5	96.3	97.7	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6	99.7
≥ 100	77.0	92.6	95.5	96.3	97.7	98.1	98.8	98.8	98.8	99.4	99.5	99.5	99.9	99.9	99.9	100.0
≥ 0	77.0	92.6	95.5	96.3	97.7	98.1	98.8	98.8	98.8	99.4	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.0	56.8	57.7	58.5	59.0	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	55.2	63.5	64.8	65.7	66.2	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 18000	55.4	63.8	65.1	65.9	66.5	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 16000	55.4	63.8	65.1	65.9	66.5	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 14000	55.8	64.2	65.5	66.3	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 12000	56.8	65.3	66.6	67.4	68.0	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 10000	58.9	67.8	69.2	70.1	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 9000	59.5	68.4	69.8	70.6	71.2	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 8000	61.2	71.5	73.0	73.9	74.6	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 7000	62.6	73.2	74.8	75.7	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 6000	63.1	73.8	75.5	76.3	77.1	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 5000	66.0	77.6	80.0	81.0	81.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 4500	66.1	78.0	80.3	81.3	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 4000	67.4	79.6	82.2	83.1	84.1	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 3500	67.7	80.2	83.0	84.0	84.9	84.9	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 3000	68.3	81.5	84.3	85.3	86.3	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 2500	68.9	83.0	85.9	87.0	88.1	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 2000	69.2	84.1	87.3	88.5	89.6	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1800	69.2	84.3	87.5	88.7	89.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 1500	70.1	85.7	89.1	90.3	91.4	91.5	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 1200	70.4	86.5	89.9	91.1	92.2	92.3	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1000	70.9	87.2	90.8	92.4	93.5	93.8	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 900	70.9	88.0	91.7	93.3	94.5	94.7	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 800	70.9	88.3	92.0	93.7	94.8	95.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 700	70.9	88.7	92.6	94.2	95.4	95.6	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 600	70.9	88.7	92.6	94.3	95.6	95.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 500	70.9	88.7	92.6	94.4	95.7	96.0	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
≥ 400	70.9	88.7	92.7	94.6	96.1	96.7	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 300	70.9	88.7	92.7	94.7	96.2	96.8	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 200	70.9	88.7	92.7	94.8	96.5	97.0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	100.0
≥ 100	70.9	88.7	92.7	94.8	96.5	97.0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	100.0
0	70.9	88.7	92.7	94.8	96.5	97.0	98.4	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73423

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.6	48.8	50.1	50.4	51.0	51.0	51.0	51.0	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.5
≥ 20000	48.0	56.8	58.4	59.1	59.8	59.8	59.8	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.3
≥ 18000	48.4	57.5	59.1	59.9	60.5	60.5	60.5	60.5	60.5	60.8	60.9	60.9	60.9	60.9	60.9	61.1
≥ 16000	49.7	58.3	59.9	60.6	61.3	61.3	61.3	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.8
≥ 14000	49.2	58.7	60.3	61.1	61.7	61.7	61.7	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.3
≥ 12000	50.6	60.9	62.5	63.2	64.0	64.0	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.5
≥ 10000	52.9	63.8	65.5	66.3	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.6
≥ 9000	53.1	64.0	65.7	66.6	67.3	67.3	67.3	67.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.8
≥ 8000	54.9	67.1	68.9	70.0	70.8	70.9	70.9	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.4
≥ 7000	56.2	68.8	70.8	71.9	72.8	73.0	73.0	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.5
≥ 6000	56.8	69.9	71.8	73.3	74.2	74.4	74.4	74.5	74.5	74.7	74.8	74.8	74.8	74.8	74.8	75.1
≥ 5000	58.4	72.3	74.3	75.8	76.7	76.9	76.9	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.5
≥ 4500	59.0	73.0	75.1	76.6	77.4	77.6	77.6	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.3
≥ 4000	59.8	74.2	76.2	77.7	78.6	78.8	78.8	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.5
≥ 3500	59.8	74.4	76.6	78.1	79.1	79.4	79.4	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	80.1
≥ 3000	60.4	75.7	77.8	79.5	80.5	80.9	80.9	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.6
≥ 2500	61.1	76.8	78.9	80.6	81.8	82.2	82.2	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.9
≥ 2000	62.3	78.6	81.1	82.8	84.0	84.4	84.4	84.6	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.3
≥ 1800	62.6	79.1	81.6	83.4	84.6	85.1	85.1	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.9
≥ 1500	63.1	80.3	82.9	84.7	86.0	86.6	86.7	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.5
≥ 1200	63.5	81.4	84.4	86.2	87.5	88.1	88.2	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	89.0
≥ 1000	64.1	82.8	86.0	88.0	89.5	90.0	90.2	90.5	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.3
≥ 900	64.3	83.5	86.8	88.8	90.4	91.1	91.3	91.6	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.4
≥ 800	64.5	84.0	87.2	89.4	91.2	91.8	92.2	92.5	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.3
≥ 700	64.6	84.2	87.6	89.9	91.9	92.7	93.0	93.4	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.3
≥ 600	64.9	84.7	88.3	90.6	92.7	93.5	94.0	94.7	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.6
≥ 500	64.9	84.9	88.6	91.1	93.3	94.2	94.8	95.8	96.0	96.8	96.8	96.8	96.8	96.8	96.8	97.2
≥ 400	65.1	85.1	88.7	91.3	93.8	94.7	95.6	97.0	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.5
≥ 300	65.1	85.1	88.7	91.3	93.8	94.8	96.0	97.5	97.8	98.7	98.9	98.9	99.2	99.2	99.4	99.6
≥ 200	65.1	85.1	88.7	91.3	93.8	94.8	96.0	97.5	98.0	98.8	99.0	99.0	99.4	99.4	99.5	99.8
≥ 100	65.1	85.1	88.7	91.3	93.8	94.8	96.0	97.5	98.0	98.8	99.0	99.0	99.4	99.4	99.6	100.0
≥ 0	65.1	85.1	88.7	91.3	93.8	94.8	96.0	97.5	98.0	98.8	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	47.5	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	54.5	60.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	55.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	55.5	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	56.5	62.7	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	58.0	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	60.1	67.2	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	60.1	67.2	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	62.3	70.0	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	63.4	71.5	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	63.9	72.0	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	64.9	73.9	74.7	74.7	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500	64.9	74.1	74.9	74.9	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	65.9	76.0	77.0	77.0	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	66.0	76.5	77.6	77.6	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	67.2	78.2	79.5	79.5	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	68.8	80.0	81.5	81.5	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	71.1	84.0	85.7	85.9	86.1	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	71.2	84.6	86.3	86.6	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	72.6	87.4	89.4	89.6	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	74.0	90.2	92.3	92.7	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	74.4	91.7	94.0	94.6	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	74.7	92.0	94.3	95.1	95.8	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	74.9	92.7	94.9	95.9	96.8	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	75.1	92.9	95.3	96.2	97.2	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	75.1	93.2	95.7	96.7	97.8	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	75.1	93.2	95.9	96.9	98.1	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	75.1	93.4	96.1	97.3	98.6	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.1	93.4	96.1	97.3	98.6	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.1	93.4	96.1	97.3	98.6	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.1	93.4	96.1	97.3	98.6	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.1	93.4	96.1	97.3	98.6	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATA WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	51.7	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	61.0	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	61.1	64.7	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	61.2	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	61.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	63.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	65.8	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	66.1	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	67.6	73.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	68.1	73.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	69.6	74.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	71.2	77.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	71.6	77.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	73.3	80.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	73.8	81.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	77.0	85.2	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	78.8	88.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	80.9	90.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	80.9	91.2	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	81.9	93.1	94.7	94.7	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	82.3	94.2	95.8	95.9	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	82.9	95.3	97.0	97.1	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	82.9	95.4	97.1	97.2	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	83.0	95.8	97.6	97.7	98.3	98.3	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	83.0	95.8	97.8	98.0	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	83.0	95.8	98.0	98.2	98.8	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	83.0	95.8	98.0	98.2	98.8	98.8	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	83.0	95.8	98.0	98.2	98.8	98.8	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	83.0	95.8	98.0	98.2	98.9	98.9	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	83.0	95.8	98.0	98.2	98.9	98.9	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	83.0	95.8	98.0	98.2	98.9	98.9	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	83.0	95.8	98.0	98.2	98.9	98.9	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-17

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	56.3	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 2000	66.1	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1800	67.0	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1600	67.0	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1400	68.1	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1200	69.4	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1000	71.5	75.1	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 900	71.9	75.8	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 800	73.9	78.4	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 700	74.0	78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 600	74.3	79.1	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 500	75.1	80.0	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	75.3	80.5	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	77.4	83.7	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	78.9	85.5	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	81.3	88.7	89.8	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	82.9	90.9	91.9	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	83.3	92.3	93.3	93.9	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	83.3	92.5	93.7	94.3	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	83.9	93.9	95.3	95.9	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	84.3	95.2	96.6	97.3	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	84.3	95.5	97.0	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	84.3	95.5	97.2	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	84.3	95.5	97.3	98.2	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	84.4	95.7	97.5	98.4	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	84.4	95.7	97.5	98.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	84.4	95.7	97.5	98.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	84.4	95.8	97.6	98.5	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	84.4	95.8	97.6	98.5	98.9	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.4	95.8	97.6	98.5	98.9	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	84.4	95.8	97.6	98.5	98.9	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.4	95.8	97.6	98.5	98.9	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

AD-A113 155

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MC CONNELL AFB, WICHITA, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
DEC 81

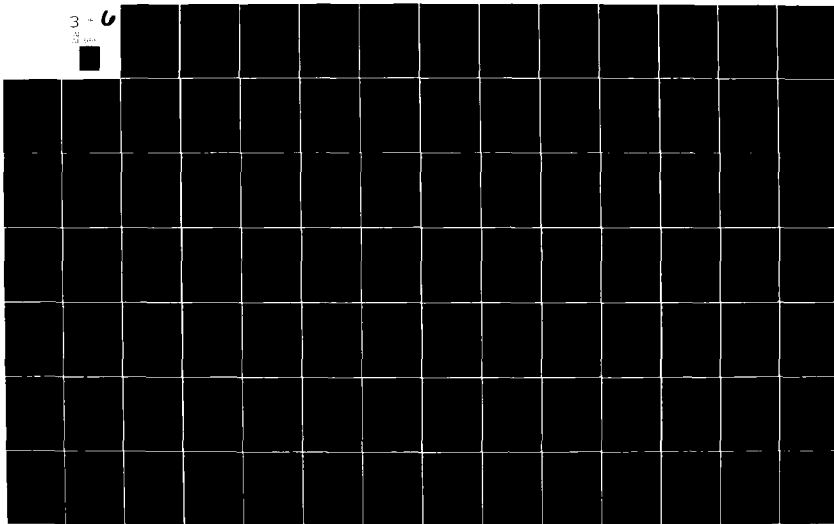
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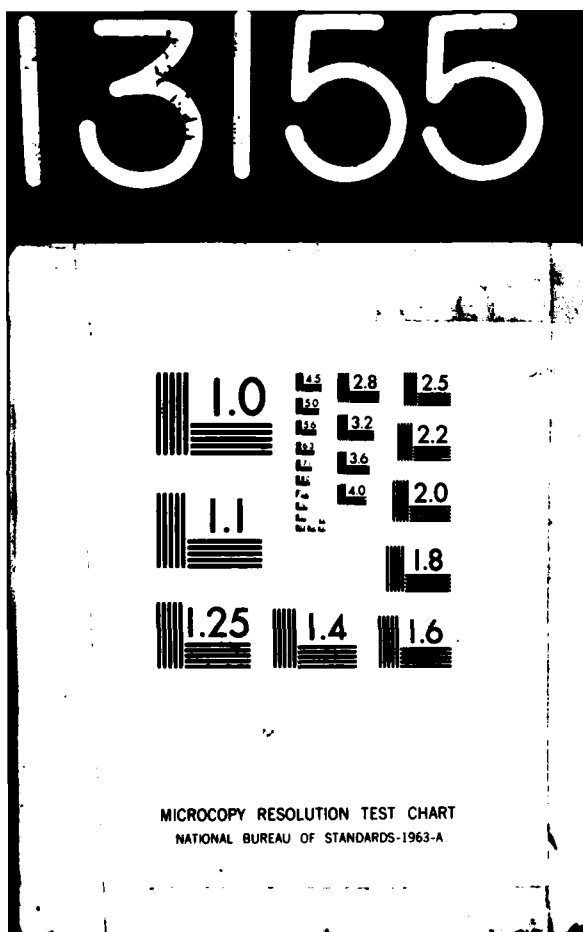
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3-6





GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	58.9	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	68.5	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	68.9	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	69.1	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	69.5	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	70.3	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	72.6	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	72.9	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	74.8	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	75.2	82.5	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	75.8	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	77.2	85.2	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	77.8	86.0	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	78.9	87.8	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	79.5	89.1	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	81.1	91.2	92.1	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	81.6	92.3	93.4	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	82.2	93.2	94.3	94.9	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	82.2	93.4	94.6	95.3	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	82.3	94.3	95.6	96.2	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	82.3	94.8	96.2	96.9	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	82.5	95.4	96.8	97.4	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	82.5	95.4	96.8	97.4	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	82.5	95.4	96.8	97.4	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	82.5	95.4	96.8	97.4	98.4	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	82.5	95.4	96.8	97.4	98.4	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	82.5	95.4	96.8	97.5	98.5	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	82.5	95.6	97.1	97.8	98.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	82.5	95.6	97.1	97.8	98.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	82.5	95.6	97.1	97.8	98.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	82.5	95.6	97.1	97.8	98.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	82.5	95.6	97.1	97.8	98.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	62.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	70.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	70.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	70.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	70.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	71.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	72.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	72.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	73.7	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	74.9	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	75.5	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	76.5	83.4	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	77.0	85.1	85.4	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	79.0	88.2	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	79.5	89.1	89.6	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	80.3	90.8	91.4	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	80.6	92.2	92.8	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	80.7	92.8	93.3	93.6	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	80.7	93.2	93.9	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	80.8	93.6	94.4	94.7	94.9	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	80.8	94.7	95.5	95.8	96.0	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	80.8	94.8	95.8	96.2	96.5	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	80.8	95.1	96.1	96.5	96.9	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	80.8	95.1	96.4	97.0	97.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	80.8	95.5	97.0	97.5	98.0	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	80.9	95.6	97.1	97.6	98.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	81.0	95.7	97.2	97.8	98.3	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	81.0	95.7	97.3	98.1	98.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	81.0	95.7	97.3	98.1	98.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	81.0	95.7	97.3	98.1	98.7	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.0	95.7	97.3	98.1	98.7	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.0	95.7	97.3	98.1	98.7	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	53.2	57.7	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥20000	60.8	66.2	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥18000	61.2	66.7	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥16000	61.4	67.0	67.6	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥14000	61.9	67.6	68.3	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥12000	63.0	68.9	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥10000	65.2	71.6	72.4	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥9000	65.4	71.9	72.7	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥8000	67.1	74.6	75.4	75.7	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥7000	68.0	75.7	76.6	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥6000	68.6	76.5	77.4	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥5000	70.2	78.8	79.9	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥4500	70.6	79.5	80.7	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥4000	72.0	81.7	83.0	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥3500	72.5	82.7	84.1	84.5	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥3000	73.8	84.7	86.2	86.7	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥2500	74.7	86.4	87.9	88.5	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥2000	75.6	88.0	89.7	90.4	90.9	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥1800	75.7	88.4	90.1	90.8	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥1500	76.4	89.8	91.7	92.3	92.9	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥1200	76.8	90.9	92.9	93.7	94.3	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥1000	77.1	91.8	93.9	94.8	95.5	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥900	77.1	92.1	94.3	95.2	96.0	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥800	77.2	92.3	94.6	95.6	96.4	96.6	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥700	77.3	92.5	94.9	95.9	96.9	97.1	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥600	77.3	92.7	95.2	96.2	97.2	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥500	77.3	92.7	95.2	96.3	97.4	97.6	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥400	77.4	92.8	95.4	96.5	97.6	97.9	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥300	77.4	92.8	95.4	96.5	97.7	98.0	98.7	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥200	77.4	92.8	95.4	96.5	97.7	98.1	98.7	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9
≥100	77.4	92.8	95.4	96.5	97.7	98.1	98.7	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥0	77.4	92.8	95.4	96.5	97.7	98.1	98.7	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

7434

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	68.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	73.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	73.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	74.3	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	74.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	75.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	76.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	76.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	78.1	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	78.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	79.4	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	81.0	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	81.4	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	82.4	91.3	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	83.4	92.6	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4
≥ 3000	84.2	93.9	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0
≥ 2500	84.4	94.1	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2
≥ 2000	84.8	94.9	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1
≥ 1800	85.0	95.1	95.6	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4
≥ 1500	85.0	95.2	95.7	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6
≥ 1200	85.2	95.6	96.1	96.4	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
≥ 1000	86.1	96.4	97.0	97.4	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3
≥ 900	86.2	96.6	97.1	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4
≥ 800	86.3	96.9	97.4	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 700	86.4	97.0	97.6	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0
≥ 600	86.4	97.0	97.8	98.2	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3
≥ 500	86.4	97.1	97.9	98.3	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
≥ 400	86.4	97.1	98.1	98.7	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 300	86.4	97.1	98.1	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	86.4	97.1	98.1	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	86.4	97.1	98.1	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	86.4	97.1	98.1	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	61.0	67.0	67.4	67.8	68.0	69.0	68.0	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.6	68.7
≥ 20000	63.8	71.2	71.7	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.6	72.6	72.7	72.7	72.8	72.9
≥ 18000	64.1	71.7	72.1	72.4	72.7	72.7	72.7	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.2	73.3
≥ 16000	64.3	71.9	72.3	72.7	72.9	72.9	72.9	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.4	73.6
≥ 14000	64.9	72.7	73.1	73.4	73.7	73.7	73.7	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.3
≥ 12000	66.7	74.4	74.9	75.2	75.4	75.4	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	76.0	76.1
≥ 10000	68.6	76.7	77.1	77.4	77.7	77.7	77.7	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.3
≥ 9000	68.8	77.0	77.4	77.8	78.0	78.0	78.0	78.1	78.1	78.2	78.3	78.3	78.4	78.4	78.6	78.7
≥ 8000	70.8	79.7	80.1	80.4	80.7	80.7	80.7	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.2	81.3
≥ 7000	71.9	81.2	81.7	82.0	82.2	82.2	82.2	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.8	82.9
≥ 6000	73.0	82.8	83.2	83.6	83.8	83.8	83.8	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.4
≥ 5000	74.2	84.8	85.3	85.7	85.9	85.9	85.9	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.6
≥ 4500	74.6	85.4	86.0	86.3	86.6	86.6	86.6	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.2
≥ 4000	75.8	87.7	88.2	88.6	88.9	88.9	88.9	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.4	89.6
≥ 3500	76.8	89.0	89.6	90.0	90.3	90.4	90.6	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.3
≥ 3000	77.3	89.7	90.4	90.9	91.2	91.4	91.6	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.3
≥ 2500	77.4	90.3	91.1	91.6	91.9	92.1	92.2	92.3	92.3	92.6	92.7	92.7	92.8	92.8	92.9	93.0
≥ 2000	78.1	91.3	92.2	92.7	93.0	93.3	93.4	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.2
≥ 1800	78.1	91.3	92.2	92.7	93.0	93.3	93.4	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.2
≥ 1500	78.9	92.2	93.3	93.9	94.2	94.6	94.7	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.4
≥ 1200	79.2	92.6	93.8	94.3	94.7	95.0	95.1	95.2	95.2	95.4	95.6	95.6	95.7	95.7	95.8	95.9
≥ 1000	79.8	93.2	94.4	95.0	95.3	95.7	95.8	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.6
≥ 900	80.1	93.6	94.8	95.3	95.7	96.0	96.1	96.2	96.2	96.4	96.6	96.6	96.7	96.7	96.8	96.9
≥ 800	80.2	93.7	94.9	95.4	95.8	96.1	96.2	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.9	97.0
≥ 700	80.3	94.0	95.3	95.9	96.2	96.6	96.7	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.4
≥ 600	80.4	94.6	95.9	96.4	96.8	97.1	97.2	97.3	97.3	97.6	97.8	97.8	97.9	97.9	98.0	98.1
≥ 500	80.4	94.7	96.2	96.8	97.2	97.6	97.7	97.8	97.8	98.0	98.2	98.2	98.3	98.3	98.4	98.6
≥ 400	80.6	94.8	96.3	97.0	97.4	97.8	97.9	98.1	98.1	98.3	98.6	98.6	98.7	98.7	98.8	98.9
≥ 300	80.6	94.8	96.3	97.3	97.8	98.1	98.2	98.7	98.8	99.0	99.2	99.2	99.3	99.3	99.4	99.6
≥ 200	80.6	94.8	96.3	97.3	97.8	98.1	98.3	98.8	98.9	99.1	99.3	99.3	99.6	99.6	99.7	99.8
≥ 100	80.6	94.8	96.3	97.3	97.8	98.1	98.3	98.8	98.9	99.2	99.4	99.4	99.7	99.7	99.9	100.0
≥ 0	80.6	94.8	96.3	97.3	97.8	98.1	98.3	98.8	98.9	99.2	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	54.9	60.0	60.6	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	62.0
≥ 20000	60.3	66.6	67.1	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.8
≥ 18000	60.3	66.6	67.1	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.9
≥ 16000	60.7	67.0	67.6	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.4
≥ 14000	61.7	68.0	68.6	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.6
≥ 12000	63.0	69.3	70.0	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.1
≥ 10000	65.9	72.8	73.4	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.7
≥ 9000	66.7	73.7	74.3	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.6
≥ 8000	68.6	76.0	76.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.9
≥ 7000	69.3	77.2	78.0	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.3
≥ 6000	70.0	78.0	79.0	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.3
≥ 5000	70.8	79.2	80.2	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.7
≥ 4500	71.1	80.1	81.1	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.6
≥ 4000	71.8	81.4	82.4	83.9	84.3	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.9
≥ 3500	71.9	81.9	83.0	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.6
≥ 3000	72.6	82.8	84.2	85.8	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.9
≥ 2500	73.4	84.1	85.6	87.1	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2
≥ 2000	74.0	85.2	86.8	88.6	89.1	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9
≥ 1800	74.0	85.4	87.1	88.9	89.6	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.3
≥ 1500	74.4	86.3	88.0	89.8	90.4	90.8	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.4
≥ 1200	75.3	87.6	89.2	91.0	91.7	92.1	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.8
≥ 1000	75.9	88.4	90.2	92.2	92.9	93.3	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.9	93.9	94.0
≥ 900	76.2	89.1	90.9	93.0	93.8	94.2	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9
≥ 800	76.3	89.6	91.4	93.6	94.3	94.8	95.0	95.0	95.0	95.1	95.1	95.3	95.3	95.3	95.4	95.6
≥ 700	76.6	90.4	92.3	94.6	95.3	95.8	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.7
≥ 600	76.6	90.6	92.8	95.3	96.3	96.8	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.7
≥ 500	76.6	90.9	93.2	96.0	97.4	97.9	98.2	98.3	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.9
≥ 400	76.6	91.0	93.3	96.3	97.8	98.2	98.6	98.7	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.3
≥ 300	76.6	91.0	93.3	96.3	97.8	98.2	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.4
≥ 200	76.6	91.0	93.3	96.3	97.8	98.2	98.6	98.9	99.0	99.0	99.3	99.3	99.3	99.6	99.8	99.9
≥ 100	76.6	91.0	93.3	96.3	97.8	98.2	98.6	98.9	99.0	99.0	99.3	99.3	99.3	99.6	99.8	99.9
≥ 0	76.6	91.0	93.3	96.3	97.8	98.2	98.6	98.9	99.0	99.0	99.3	99.3	99.3	99.6	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	61.8	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	65.9	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	65.9	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	66.7	70.3	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	67.9	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	70.3	74.3	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	74.1	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	74.3	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	76.0	81.0	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	76.4	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	76.6	81.9	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	77.3	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	77.7	83.3	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	78.6	84.7	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	79.0	85.1	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	79.6	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	80.3	87.0	87.8	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	81.1	88.4	89.2	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	81.2	88.7	89.4	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	82.3	90.7	91.8	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	82.9	91.8	93.2	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	83.2	92.8	94.4	95.4	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	83.4	93.3	95.1	96.2	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	83.4	94.2	96.2	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	83.4	94.7	96.7	98.0	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	83.4	95.0	97.0	98.4	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	83.4	95.2	97.2	98.8	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.4	95.2	97.2	98.8	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.4	95.2	97.2	98.8	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.4	95.2	97.2	98.8	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.4	95.2	97.2	98.8	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.4	95.2	97.2	98.8	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	64.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥20000	71.3	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 18000	71.6	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 16000	71.8	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 14000	72.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 12000	74.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 10000	77.1	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 9000	77.3	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 8000	78.4	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 7000	79.2	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 6000	79.3	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 5000	80.3	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	80.3	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000	81.1	86.1	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	82.9	87.9	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3000	84.1	89.9	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	86.3	92.6	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	87.1	94.1	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1800	87.4	94.6	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1500	87.7	95.1	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	87.9	96.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	88.0	97.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	88.0	97.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	88.3	97.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	88.3	98.1	99.2	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	88.3	98.1	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	88.3	98.1	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	88.3	98.1	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	88.3	98.1	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.3	98.1	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.3	98.1	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.3	98.1	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	68.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	75.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	75.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	75.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	75.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	77.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	80.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	80.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	82.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	83.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	84.3	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	86.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	86.4	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	87.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	89.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	90.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	90.8	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	90.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	90.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	91.1	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	91.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	91.3	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	91.4	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	91.6	98.6	99.1	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.7	98.7	99.2	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	91.7	98.7	99.2	99.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	67.6 76.8	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4	69.9 79.4
≥ 18000 IV 16000	77.1 77.4	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1	79.8 80.1
≥ 14000 IV 12000	77.8 77.9	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7	80.6 80.7
≥ 10000 IV 9000	81.3 81.6	84.8 85.0	84.8 85.0	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1	84.9 85.1
≥ 8000 IV 7000	82.8 83.8	86.9 88.0	87.1 88.2	87.2 88.3	87.2 88.3	87.2 88.3	87.2 88.3	87.2 88.3	87.2 88.3	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4
≥ 6000 IV 5000	84.8 66.7	89.6 91.8	89.8 92.0	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	90.0 92.2	90.0 92.2	90.0 92.2	90.0 92.2	90.0 92.2	90.0 92.2	90.0 92.2
≥ 4500 IV 4000	87.2 89.1	92.4 94.6	92.7 94.8	92.8 94.9	92.8 94.9	92.8 94.9	92.8 95.0	92.8 95.0	92.8 95.0	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1
≥ 3500 IV 3000	89.4 89.7	94.9 96.0	95.1 96.2	95.2 96.4	95.2 96.4	95.2 96.4	95.3 96.6	95.3 96.6	95.3 96.6	95.4 96.7	95.4 96.7	95.4 96.7	95.4 96.7	95.4 96.7	95.4 96.7	95.4 96.7
≥ 2500 IV 2000	89.8 89.9	96.2 96.3	96.4 96.6	96.7 96.8	96.7 96.8	96.7 96.8	96.8 96.9	96.8 96.9	96.8 96.9	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0
≥ 1800 IV 1500	89.9 90.2	96.4 97.2	96.7 97.4	96.9 97.7	96.9 97.7	96.9 97.7	97.0 97.8	97.0 97.8	97.0 97.8	97.1 97.9	97.1 97.9	97.1 97.9	97.1 97.9	97.1 97.9	97.1 97.9	97.1 97.9
≥ 1200 IV 1000	90.3 90.7	98.0 98.6	98.3 98.9	98.6 99.1	98.6 99.1	98.6 99.1	98.7 99.2	98.7 99.2	98.7 99.2	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3
≥ 900 IV 800	90.8 90.9	98.8 98.9	99.1 99.2	99.3 99.4	99.3 99.4	99.3 99.4	99.4 99.6	99.4 99.6	99.4 99.7	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8
≥ 700 IV 600	90.9 90.9	98.9 98.9	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.6 99.8	99.6 99.8	99.7 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
≥ 500 IV 400	90.9 90.9	98.9 98.9	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 IV 200	90.9 90.9	98.9 98.9	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 IV 0	90.9 90.9	98.9 98.9	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	67.7	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	75.4	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	75.9	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	76.1	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	76.8	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	77.6	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	79.6	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	79.6	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	81.3	86.2	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	82.4	87.6	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	83.8	89.3	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	84.7	90.7	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	85.3	91.3	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	86.2	93.1	93.2	93.2	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	87.0	94.0	94.1	94.1	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	87.4	95.0	95.3	95.3	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	87.7	95.2	95.6	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	87.9	95.9	96.2	96.2	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	88.0	96.0	96.3	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	88.3	96.3	96.7	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	88.6	97.0	97.4	97.4	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	89.2	98.1	98.6	98.6	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	89.3	98.2	98.7	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	89.4	98.3	98.8	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	89.4	98.3	98.8	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	89.4	98.7	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	89.4	98.9	99.3	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.4	98.9	99.3	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.4	98.9	99.3	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.4	98.9	99.3	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.4	98.9	99.3	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.4	98.9	99.3	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	64.3	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2000	70.3	74.5	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
≥ 1800	70.5	74.8	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1600	70.8	75.1	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 1400	71.5	75.9	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
≥ 1200	72.8	77.3	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 1000	75.4	80.2	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 900	75.7	80.6	80.9	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 800	77.3	82.8	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 700	78.2	83.9	84.2	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 600	78.9	84.9	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 500	80.1	86.6	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 450	80.5	87.2	87.6	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 400	81.6	88.8	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 350	82.5	89.8	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 300	83.2	91.1	91.7	92.1	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 250	83.8	92.0	92.6	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 200	84.2	92.8	93.5	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 1800	84.3	93.0	93.7	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8
≥ 1500	84.8	93.8	94.5	95.0	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7
≥ 1200	85.1	94.6	95.5	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7
≥ 1000	85.5	95.3	96.3	96.9	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 900	85.7	95.6	96.6	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 800	85.8	96.0	97.0	97.6	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 700	85.9	96.3	97.3	97.9	98.3	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 600	85.9	96.4	97.5	98.2	98.6	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	85.9	96.6	97.7	98.4	98.9	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	85.9	96.6	97.8	98.6	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	85.9	96.6	97.8	98.6	99.1	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	85.9	96.6	97.8	98.6	99.1	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	85.9	96.6	97.8	98.6	99.1	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	85.9	96.6	97.8	98.6	99.1	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3523 MCCONNELL AFB KS 69-70,73-80 JUL
STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0200
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.7	81.9	82.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 20000	80.6	86.9	87.2	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	80.9	87.1	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	81.1	87.3	87.6	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 14000	81.8	88.1	88.4	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 12000	83.0	89.5	89.8	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	84.6	91.3	91.6	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	85.3	91.9	92.3	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	86.6	93.4	93.9	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	87.1	94.0	94.4	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 6000	87.3	94.3	94.8	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	87.5	94.7	95.3	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	87.7	94.9	95.5	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	87.8	95.2	95.7	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	88.0	95.5	96.0	96.6	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	88.0	95.6	96.1	96.7	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	88.0	95.8	96.5	97.0	97.3	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	88.1	96.0	96.7	97.2	97.5	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	88.1	96.0	96.7	97.2	97.5	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	88.2	96.1	96.8	97.3	97.6	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	88.6	96.8	97.4	98.1	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	88.6	96.8	97.4	98.1	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	88.7	96.9	97.5	98.2	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	88.7	96.9	97.5	98.2	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	88.7	96.9	97.5	98.2	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	88.7	96.9	97.5	98.2	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	88.7	96.9	97.7	98.5	98.8	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	88.7	96.9	97.8	98.6	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.7	96.9	97.8	98.6	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.7	96.9	97.8	98.6	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.7	96.9	97.8	98.6	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.7	96.9	97.8	98.6	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	69.2	75.1	75.7	76.1	76.7	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 20000	74.0	80.3	81.1	81.5	82.0	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	74.1	80.4	81.2	81.6	82.2	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	74.1	80.4	81.2	81.6	82.2	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	74.6	81.0	81.7	82.2	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	76.1	82.8	83.5	84.0	84.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	77.6	85.1	85.8	86.2	86.8	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	78.6	86.0	86.8	87.2	87.7	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	80.9	88.5	89.2	89.7	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	81.4	89.0	89.9	90.3	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	82.7	90.3	91.2	91.6	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	83.4	91.2	92.3	92.7	93.3	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	83.5	91.4	92.5	92.9	93.5	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	83.7	92.0	93.2	93.7	94.3	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	83.8	92.3	93.4	93.9	94.5	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	84.1	92.7	93.9	94.4	95.1	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 2500	84.3	93.1	94.3	94.8	95.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5
≥ 2000	84.4	93.2	94.5	95.1	95.9	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 1800	84.7	93.5	94.8	95.4	96.2	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 1500	85.1	94.1	95.4	95.9	96.8	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 1200	85.5	94.6	95.9	96.5	97.3	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 1000	85.5	94.7	96.0	96.6	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 900	85.5	94.7	96.0	96.6	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 800	85.5	94.8	96.1	96.7	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 700	85.5	94.8	96.1	96.7	97.5	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 600	85.6	94.9	96.2	96.8	97.6	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥ 500	85.6	94.9	96.2	97.0	97.8	97.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 400	85.6	94.9	96.2	97.1	98.1	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 300	85.6	94.9	96.2	97.2	98.3	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 200	85.6	94.9	96.2	97.2	98.3	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 100	85.6	94.9	96.2	97.2	98.3	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 0	85.6	94.9	96.2	97.2	98.3	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.2	69.0	70.0	71.1	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	68.6	74.6	75.7	76.8	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	68.7	74.7	75.8	76.9	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	68.9	74.9	76.0	77.1	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	69.4	75.5	76.6	77.6	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	71.8	78.4	79.6	80.6	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	75.3	82.3	83.7	84.7	85.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	75.7	82.7	84.1	85.2	86.0	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	77.7	85.4	86.8	88.0	89.0	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	78.7	86.7	88.1	89.2	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	80.1	88.3	89.8	91.0	92.2	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	80.5	89.2	91.0	92.3	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	80.5	89.2	91.0	92.3	93.4	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	80.5	89.7	91.4	92.7	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	80.6	89.8	91.5	92.9	94.1	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	80.8	89.9	91.8	93.2	94.4	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	81.0	90.2	92.3	93.7	94.8	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	81.0	90.2	92.4	93.9	95.1	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	81.3	90.5	92.7	94.2	95.4	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	81.6	90.9	93.0	94.5	95.7	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	81.7	91.0	93.1	94.6	95.8	96.6	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	81.7	91.1	93.2	94.7	95.9	96.7	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	81.7	91.1	93.2	94.7	95.9	96.7	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	81.8	91.2	93.3	94.8	96.0	96.8	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	81.8	91.2	93.3	94.8	96.0	96.8	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	81.8	91.2	93.3	94.8	96.0	96.8	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	81.8	91.3	93.4	94.9	96.1	96.9	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	81.8	91.3	93.4	95.1	96.2	97.0	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	81.8	91.4	93.5	95.2	96.3	97.1	98.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	81.8	91.4	93.5	95.2	96.3	97.1	98.7	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	81.8	91.4	93.5	95.2	96.3	97.1	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0
≥ 0	81.8	91.4	93.5	95.2	96.3	97.1	98.7	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

07923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	71.2	74.5	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	76.2	80.1	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	76.8	80.6	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	77.1	81.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	77.8	81.8	82.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	79.9	84.1	85.3	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	82.0	86.2	87.4	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	82.5	86.7	87.8	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	82.9	87.4	88.6	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	83.3	88.5	89.7	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	83.8	89.0	90.2	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	84.4	90.2	91.4	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	84.4	90.2	91.4	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	84.4	90.3	91.5	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	84.6	90.9	92.0	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	84.8	91.2	92.5	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	85.3	91.7	93.0	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	86.1	92.9	94.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	86.2	93.0	94.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	86.5	93.2	94.6	95.7	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	87.3	94.1	95.6	96.7	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	87.5	94.4	96.2	97.4	97.5	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	87.6	94.6	96.8	98.0	98.1	98.3	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	87.6	94.7	97.0	98.2	98.3	98.5	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	87.6	94.7	97.0	98.2	98.3	98.7	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	87.6	94.7	97.0	98.2	98.3	98.7	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	87.7	95.1	97.4	98.6	98.7	99.1	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	87.7	95.1	97.5	98.7	98.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.7	95.1	97.5	98.7	98.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.7	95.1	97.5	98.7	98.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.7	95.1	97.5	98.7	98.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.7	95.1	97.5	98.7	98.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

83923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	72.0	75.7	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	79.5	83.2	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	79.8	83.5	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	80.4	84.2	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	81.0	84.8	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	84.1	88.1	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 10000	86.9	91.6	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 9000	87.0	91.7	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	87.8	92.7	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	88.2	93.0	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 6000	88.5	93.3	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	88.9	93.8	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	88.9	93.8	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	89.4	94.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	89.4	94.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	89.9	95.5	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	90.3	96.0	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	90.4	96.2	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	90.4	96.2	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	91.2	97.1	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	91.2	97.5	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	91.3	98.0	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	91.3	98.1	98.8	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.3	98.1	98.8	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.3	98.1	98.8	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	76.1	79.7	80.2	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 20000	82.8	86.8	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 18000	83.0	87.0	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	83.4	87.4	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 14000	84.3	88.5	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 12000	85.7	89.9	90.5	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	87.8	92.6	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 9000	87.8	92.6	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 8000	89.0	94.0	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 7000	89.1	94.1	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 6000	89.2	94.2	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 5000	89.9	94.8	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 4500	89.9	94.8	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 4000	89.9	94.9	95.9	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 3500	90.9	95.9	96.9	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 3000	91.1	96.8	97.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	91.1	96.8	97.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2000	91.1	97.0	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	91.1	97.1	98.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	91.2	97.3	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	91.2	97.3	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.2	97.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	25/16	¾	≥0
NO CEILING ≥ 20000	74.6 84.1	78.1 87.8	79.0 88.9	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4	79.4 89.4
≥ 18000 ≥ 16000	84.5 85.2	88.3 88.9	89.4 90.0	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4	89.8 90.4
≥ 14000 ≥ 12000	85.4 86.3	89.1 90.1	90.2 91.2	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6	90.6 91.6
≥ 10000 ≥ 9000	88.5 88.5	92.7 92.7	93.8 93.8	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3	94.3 94.3
≥ 8000 ≥ 7000	89.1 89.4	93.4 93.7	94.5 94.7	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3	95.1 95.3
≥ 6000 ≥ 5000	89.9 90.4	94.5 95.3	95.9 96.8	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4	96.5 97.4
≥ 4500 ≥ 4000	90.4 90.5	95.4 95.7	96.9 97.2	97.5 97.8	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0
≥ 3500 ≥ 3000	90.5 91.0	95.7 96.2	97.2 97.7	98.0 98.5	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6
≥ 2500 ≥ 2000	91.1 91.2	96.5 96.8	98.0 98.3	98.7 99.0	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
≥ 1800 ≥ 1500	91.2 91.2	96.8 96.8	98.3 98.5	99.0 99.2	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4
≥ 1200 ≥ 1000	91.2 91.2	96.8 96.9	98.5 98.6	99.4 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6
≥ 900 ≥ 800	91.2 91.2	96.9 97.1	98.6 98.8	99.5 99.7	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8
≥ 700 ≥ 600	91.2 91.2	97.1 97.1	98.8 98.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 500 ≥ 400	91.2 91.2	97.1 97.1	98.8 98.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 300 ≥ 200	91.2 91.2	97.1 97.1	98.8 98.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 100 0	91.2 91.2	97.1 97.1	98.8 98.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	76.1	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	81.4	87.8	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 18000	81.7	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 16000	82.7	88.5	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 14000	82.8	89.4	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 12000	83.3	89.9	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 10000	85.2	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 9000	85.5	92.5	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 8000	86.2	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 7000	86.6	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 6000	86.8	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 5000	87.6	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	87.7	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 4000	88.2	96.2	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	88.6	96.7	97.4	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 3000	88.6	96.9	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500	88.6	97.0	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	88.7	97.1	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	88.7	97.2	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	89.0	97.7	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	89.0	97.7	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	89.0	97.7	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	89.0	97.8	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	89.0	97.8	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	89.0	97.8	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	89.0	97.8	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	89.0	97.8	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	89.0	97.8	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	89.0	97.8	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	89.0	97.8	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	89.0	97.8	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	89.0	97.8	98.9	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.E.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.3	77.0	77.7	78.1	79.3	79.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000	78.4	83.5	84.2	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 18000	78.7	83.7	84.5	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 16000	79.0	84.1	84.8	85.3	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 14000	79.6	84.8	85.5	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 12000	81.3	86.6	87.4	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 10000	83.5	89.2	90.0	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 9000	83.9	89.6	90.4	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 8000	85.0	91.1	91.9	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 7000	85.5	91.6	92.5	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 6000	86.0	92.3	93.2	93.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 5000	86.6	93.1	94.1	94.7	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 4500	86.7	93.2	94.2	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 4000	86.8	93.6	94.6	95.3	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 3500	87.2	93.9	94.9	95.6	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3000	87.3	94.3	95.4	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
IV 2500	87.4	94.6	95.8	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	87.6	94.9	96.1	96.8	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	87.7	95.1	96.2	96.9	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 1500	88.0	95.4	96.6	97.4	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 1200	88.2	95.7	97.0	97.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 1000	88.3	95.9	97.2	98.0	98.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	88.3	96.0	97.3	98.1	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	88.3	96.1	97.4	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	88.3	96.1	97.4	98.2	98.7	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 600	88.3	96.1	97.4	98.3	98.7	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	88.3	96.1	97.5	98.4	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	88.3	96.1	97.6	98.5	98.9	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	88.3	96.1	97.6	98.5	99.0	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	88.3	96.1	97.6	98.5	99.0	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	88.3	96.1	97.6	98.5	99.0	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	88.3	96.1	97.6	98.5	99.0	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥3/16	≥¼
NO CEILING	71.2	76.6	77.6	77.8	78.0	79.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	74.4	81.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 18000	74.4	81.1	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	74.4	81.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	76.1	83.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	77.7	84.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	80.0	87.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	80.1	87.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	81.8	90.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	82.7	91.0	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	82.8	91.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	93.5	92.5	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	83.9	92.8	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	84.5	94.0	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	84.9	94.5	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	85.4	94.9	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	85.4	95.3	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	85.4	95.3	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	85.4	95.4	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	85.4	95.4	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	85.4	95.7	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	85.5	95.9	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	85.5	95.9	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	85.5	96.1	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	85.5	96.5	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	85.5	96.7	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	85.5	96.8	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	85.5	96.9	98.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	85.5	96.9	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	85.5	96.9	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	85.5	96.9	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	85.5	96.9	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.E.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	66.8	72.9	73.7	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	70.1	77.2	78.1	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 18000	70.3	77.4	78.3	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 16000	70.4	77.6	78.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 14000	71.1	78.4	79.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 12000	72.4	79.9	80.9	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	74.2	82.2	83.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 9000	74.2	82.7	83.7	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 8000	77.1	86.8	87.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 7000	78.0	87.7	88.7	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000	78.1	88.1	89.0	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 5000	79.0	89.6	90.5	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4500	79.4	89.9	90.9	91.8	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 4000	80.3	91.6	92.6	93.5	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500	80.8	92.3	93.5	94.5	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3000	80.8	92.3	93.5	94.6	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	80.8	92.6	93.9	95.1	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	80.9	92.9	94.2	95.5	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	80.9	92.9	94.2	95.5	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	80.9	92.9	94.2	95.6	96.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	81.1	93.1	94.4	95.9	96.6	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	81.2	93.2	94.6	96.1	96.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	81.2	93.2	94.6	96.1	96.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	81.2	93.3	94.7	96.2	96.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	81.2	93.7	95.1	96.6	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	81.2	93.9	95.4	96.9	97.5	97.6	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	81.2	94.1	95.7	97.2	97.8	98.0	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	81.2	94.1	95.7	97.3	98.0	98.1	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	81.2	94.1	95.7	97.3	98.0	98.1	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
IV 200	81.2	94.1	95.7	97.3	98.0	98.1	98.7	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4
IV 100	81.2	94.1	95.7	97.3	98.0	98.1	98.7	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.6	99.7
IV 0	81.2	94.1	95.7	97.3	98.0	98.1	98.7	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.2	63.5	66.2	66.7	66.9	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.8	68.0
≥ 20000	57.4	70.3	73.2	73.7	73.9	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.8	74.9
≥ 18000	57.5	70.5	73.4	73.9	74.1	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.1	75.2
≥ 16000	57.6	70.8	73.7	74.1	74.3	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.4
≥ 14000	58.0	71.2	74.1	74.5	74.7	74.9	75.3	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7	75.8
≥ 12000	59.4	73.3	76.2	76.8	77.0	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	78.0	78.1
≥ 10000	62.4	77.8	80.8	81.4	81.8	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.9
≥ 9000	62.9	78.7	81.6	82.3	82.9	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.9	84.0
≥ 8000	64.5	81.1	84.2	85.2	85.9	86.1	86.5	86.7	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.1
≥ 7000	65.1	81.8	84.9	85.9	86.7	86.9	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.8
≥ 6000	65.4	82.5	85.7	86.7	87.4	87.6	88.0	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.6	88.7
≥ 5000	66.3	83.8	87.2	88.2	88.9	89.1	89.5	89.8	89.9	89.9	90.0	90.0	90.1	90.1	90.2	90.3
≥ 4500	66.8	84.5	88.0	88.9	89.7	89.9	90.2	90.5	90.6	90.6	90.8	90.8	90.9	90.9	91.0	91.1
≥ 4000	67.5	85.4	89.1	90.1	91.0	91.2	91.5	91.8	91.9	91.9	92.0	92.0	92.2	92.2	92.3	92.4
≥ 3500	68.0	85.9	90.0	91.0	91.8	92.0	92.4	92.7	92.8	92.8	92.9	92.9	93.0	93.0	93.1	93.2
≥ 3000	68.1	86.3	90.5	91.5	92.4	92.6	92.9	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.7	93.8
≥ 2500	68.1	86.3	90.5	91.6	92.5	92.7	93.0	93.3	93.4	93.4	93.5	93.5	93.7	93.7	93.8	93.9
≥ 2000	68.1	86.3	90.6	91.7	92.7	92.9	93.3	93.8	93.9	94.0	94.1	94.1	94.2	94.2	94.3	94.4
≥ 1800	68.3	86.6	90.9	91.9	92.9	93.1	93.5	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.5	94.6
≥ 1500	68.4	86.9	91.2	92.4	93.3	93.5	94.2	94.6	94.7	94.8	94.9	94.9	95.1	95.1	95.2	95.3
≥ 1200	68.4	87.0	91.3	92.5	93.5	93.8	94.4	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.4	95.5
≥ 1000	68.4	87.2	91.6	92.9	94.0	94.2	94.8	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.9	96.0
≥ 900	68.4	87.2	91.6	92.9	94.0	94.2	94.8	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.9	96.0
≥ 800	68.4	87.5	92.2	93.5	94.7	94.9	95.6	96.1	96.2	96.3	96.5	96.5	96.6	96.6	96.7	96.8
≥ 700	68.5	87.6	92.4	93.9	95.1	95.3	95.9	96.5	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.1
≥ 600	68.5	87.8	92.9	94.4	95.6	95.8	96.5	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.6
≥ 500	68.6	88.3	93.4	95.2	96.5	96.7	97.4	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.6	98.7
≥ 400	68.6	88.3	93.4	95.2	96.7	96.9	97.6	98.3	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.2
≥ 300	68.6	88.3	93.5	95.3	96.8	97.0	97.7	98.4	98.7	98.8	99.0	99.0	99.1	99.1	99.2	99.4
≥ 200	68.6	88.3	93.5	95.3	96.8	97.0	97.7	98.4	98.8	99.0	99.2	99.2	99.5	99.5	99.6	99.7
≥ 100	68.6	88.3	93.5	95.3	96.8	97.0	97.7	98.4	98.8	99.0	99.2	99.2	99.5	99.5	99.6	99.9
≥ 0	68.6	88.3	93.5	95.3	96.8	97.0	97.7	98.4	98.8	99.0	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17423

MCCONNELL AFB KS

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	59.5	67.3	67.5	67.5	69.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
≥ 20000	64.1	73.2	73.7	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3
≥ 18000	64.2	73.7	74.1	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7
≥ 16000	64.5	74.2	74.6	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 14000	66.1	76.8	77.2	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
≥ 12000	67.8	79.5	79.9	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
≥ 10000	70.5	83.3	83.9	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
≥ 9000	70.6	83.4	84.1	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8
≥ 8000	72.3	86.0	86.9	87.0	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
≥ 7000	73.3	87.3	88.3	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 6000	73.8	88.7	89.7	89.8	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 5000	73.8	89.0	90.0	90.1	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9
≥ 4500	73.9	89.1	90.1	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 4000	74.0	89.5	90.6	90.8	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 3500	74.2	89.7	90.9	91.0	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 3000	74.2	89.8	91.1	91.2	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 2500	74.4	90.0	91.3	91.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 2000	74.5	90.5	91.9	92.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 1800	74.6	90.8	92.3	92.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1500	75.3	91.4	93.0	93.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
≥ 1200	75.7	92.2	93.8	93.9	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 1000	75.7	92.9	94.6	94.7	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 900	75.9	93.3	95.2	95.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 800	75.9	93.7	95.6	96.0	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 700	76.0	93.8	95.7	96.2	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 600	76.0	93.9	95.8	96.6	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 500	76.0	94.1	96.1	96.9	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 400	76.0	94.1	96.1	96.9	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	76.0	94.1	96.1	96.9	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	76.0	94.1	96.1	96.9	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	76.0	94.1	96.1	96.9	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	76.0	94.1	96.1	96.9	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥1/8
NO CEILING	63.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	69.9	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	70.1	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	70.4	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	71.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 12000	74.0	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	76.9	86.5	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9500	77.3	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	77.8	87.6	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	78.4	88.3	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	79.4	89.5	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	79.5	90.4	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	79.7	90.6	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	80.1	91.3	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	80.5	92.3	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	80.8	93.0	93.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	81.3	93.7	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	81.6	94.2	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	81.9	94.7	95.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	82.2	95.9	96.6	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	82.6	96.5	97.2	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	82.6	96.8	97.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	82.6	96.8	97.5	97.8	98.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	82.7	97.0	97.7	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	82.7	97.0	97.8	98.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	82.7	97.0	97.8	98.4	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	82.7	97.0	97.8	98.4	99.4	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	82.7	97.0	98.0	98.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.7	97.0	98.0	98.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.7	97.0	98.0	98.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.7	97.0	98.0	98.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.7	97.0	98.0	98.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	67.1	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	74.3	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 18000	74.6	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 16000	74.9	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 14000	76.1	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 12000	77.5	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 10000	80.0	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 9000	80.4	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 8000	80.8	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 7000	81.0	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 6000	82.0	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 5000	83.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 4500	83.3	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4000	84.3	95.3	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 3500	84.6	95.9	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3000	85.3	96.6	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2500	85.5	97.0	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	85.5	97.1	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	85.5	97.3	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	85.5	98.0	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	85.5	98.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	85.5	98.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	85.5	98.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	85.5	98.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	85.5	98.1	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	85.5	98.1	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	85.5	98.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	85.5	98.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	85.5	98.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	85.5	98.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	85.5	98.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	85.5	98.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13023

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.0	75.4	75.9	76.0	75.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	75.9	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 18000	76.5	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	76.8	83.1	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 14000	78.7	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	80.3	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	83.4	90.6	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 9000	83.8	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	84.2	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	84.5	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	85.1	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	85.7	94.4	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	85.9	94.6	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4000	87.0	96.2	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	87.4	96.8	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	87.6	97.0	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	87.7	97.2	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	87.7	97.3	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1800	87.7	97.5	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1500	87.7	97.8	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 1200	87.8	98.1	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 1000	87.8	98.1	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	87.8	98.1	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	87.8	98.1	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	73.7 78.7	79.0 84.9	79.1 85.1	79.2 85.2	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3	79.4 85.3
≥ 18000 IV 18000	78.8 79.0	85.1 85.3	85.2 85.4	85.3 85.5	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6
IV 14000 IV 12000	79.6 81.2	85.8 87.8	85.9 88.0	86.0 88.1	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2	86.1 88.2
IV 10000 IV 9000	84.1 84.3	91.1 91.4	91.2 91.5	91.3 91.6	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7	91.4 91.7
IV 8000 IV 7000	85.1 85.9	92.9 94.0	93.0 94.1	93.1 94.2	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3	93.2 94.3
IV 6000 IV 5000	86.1 87.0	94.4 95.7	94.5 95.8	94.7 96.0	94.8 96.2	94.8 96.2	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3	94.8 96.3
IV 4500 IV 4000	87.0 87.2	95.7 95.9	95.8 96.1	96.0 96.3	96.2 96.8	96.2 96.8	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9
IV 3500 IV 3000	87.3 87.4	96.3 96.8	96.5 97.0	96.8 97.3	97.2 97.7	97.2 97.7	97.3 97.8	97.3 97.8	97.3 97.8	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0	97.4 98.0
IV 2500 IV 2000	87.4 87.4	96.9 96.9	97.1 97.1	97.4 97.4	97.8 97.8	97.8 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2
IV 1800 IV 1500	87.4 87.4	96.9 96.9	97.1 97.1	97.4 97.4	97.8 97.8	97.8 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2
IV 1200 IV 1000	87.4 87.4	97.2 97.4	97.4 97.6	97.7 98.0	98.2 98.4	98.2 98.4	98.4 98.6	98.4 98.6	98.4 98.6	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7
IV 900 IV 800	87.4 87.6	97.5 97.7	97.7 98.0	98.1 98.3	98.5 98.8	98.5 98.8	98.7 99.0	98.7 99.0	98.7 99.0	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
IV 700 IV 600	87.6 87.6	98.2 98.3	98.4 98.5	98.7 98.8	99.2 99.4	99.2 99.4	99.5 99.6	99.5 99.6	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7
IV 500 IV 400	87.6 87.6	98.3 98.3	98.5 98.5	98.8 98.8	99.5 99.7	99.5 99.7	99.7 99.9	99.7 99.9	99.7 99.9	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0
IV 300 IV 200	87.6 87.6	98.3 98.3	98.5 98.5	98.8 98.8	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	87.6 87.6	98.3 98.3	98.5 98.5	98.8 98.8	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3423

MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	65.4 70.6	72.2 78.4	73.0 79.2	73.2 79.5	73.4 79.6	73.4 79.7	73.4 79.7	73.5 79.7	73.5 79.7	73.5 79.7	73.5 79.7	73.5 79.7	73.5 79.7	73.5 79.8	73.5 79.8	73.5 79.8
IV 18000 IV 16000	70.8 71.0	78.7 79.0	79.5 79.8	79.7 80.1	79.9 80.2	79.9 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.3	80.0 80.4	80.0 80.4	80.0 80.4
IV 14000 IV 12000	72.2 73.8	80.4 82.5	81.2 83.3	81.4 83.6	81.6 83.7	81.6 83.8	81.7 83.8	81.7 83.8	81.7 83.8	81.7 83.8	81.7 83.8	81.7 83.8	81.7 83.8	81.7 83.9	81.7 83.9	81.7 83.9
IV 10000 IV 9000	76.4 76.7	85.9 86.4	86.8 87.2	87.1 87.5	87.3 87.8	87.3 87.8	87.4 87.8	87.4 87.8	87.4 87.8	87.4 87.8	87.4 87.8	87.4 87.8	87.4 87.8	87.4 87.9	87.4 87.9	87.4 87.9
IV 8000 IV 7000	77.9 78.6	88.3 89.1	89.2 90.0	89.5 90.3	89.8 90.6	89.8 90.6	89.9 90.7	89.9 90.7	89.9 90.7	89.9 90.7	89.9 90.7	89.9 90.7	89.9 90.7	89.9 90.8	89.9 90.8	89.9 90.8
IV 6000 IV 5000	79.1 79.7	89.9 91.1	90.8 92.1	91.2 92.5	91.5 92.8	91.5 92.8	91.6 92.9	91.6 93.0	91.6 93.0	91.6 93.0	91.6 93.0	91.6 93.0	91.6 93.0	91.6 93.0	91.7 93.0	91.7 93.0
IV 4500 IV 4000	80.0 80.6	91.4 92.4	92.4 93.5	92.7 93.8	93.1 94.2	93.1 94.3	93.2 94.4	93.2 94.4	93.2 94.4	93.2 94.4	93.2 94.4	93.2 94.5	93.2 94.5	93.3 94.5	93.3 94.5	93.3 94.5
IV 3500 IV 3000	81.1 81.2	93.0 93.3	94.2 94.6	94.5 95.0	95.0 95.4	95.0 95.5	95.1 95.6	95.1 95.6	95.2 95.6	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7
IV 2500 IV 2000	81.3 81.4	93.6 93.8	94.9 95.1	95.3 95.6	95.8 96.1	95.9 96.1	96.0 96.3	96.0 96.4	96.1 96.4	96.1 96.4	96.1 96.4	96.1 96.4	96.1 96.4	96.1 96.5	96.1 96.5	96.1 96.5
IV 1800 IV 1500	81.5 81.6	94.0 94.4	95.3 95.8	95.8 96.3	96.3 96.8	96.4 96.9	96.5 97.1	96.6 97.2	96.6 97.2	96.6 97.2	96.6 97.2	96.7 97.2	96.7 97.2	96.7 97.2	96.7 97.3	96.7 97.3
IV 1200 IV 1000	81.7 81.8	94.7 94.9	96.1 96.4	96.7 97.0	97.3 97.6	97.3 97.7	97.5 97.9	97.6 98.0	97.6 98.0	97.6 98.0	97.6 98.0	97.6 98.0	97.6 98.0	97.7 98.0	97.7 98.0	97.7 98.1
IV 900 IV 800	81.8 81.8	95.0 95.2	96.5 96.7	97.1 97.3	97.7 98.1	97.8 98.1	98.0 98.3	98.1 98.4	98.1 98.4	98.1 98.4	98.1 98.4	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.2 98.5
IV 700 IV 600	81.9 81.9	95.3 95.5	96.9 97.1	97.6 97.8	98.4 98.6	98.4 98.6	98.7 98.9	98.7 98.9	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.1	98.8 99.1	98.8 99.1	98.9 99.1	98.9 99.1
IV 500 IV 400	81.9 81.9	95.6 95.6	97.2 97.3	98.0 98.0	98.8 98.9	98.9 99.0	99.2 99.3	99.2 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.4 99.5	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6
IV 300 IV 200	81.9 81.9	95.6 95.6	97.3 97.3	98.0 98.0	99.0 99.0	99.0 99.0	99.3 99.3	99.4 99.4	99.5 99.5	99.6 99.7	99.6 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 100 IV 0	81.9 81.9	95.6 95.6	97.3 97.3	98.0 98.0	99.0 99.0	99.0 99.0	99.3 99.3	99.4 99.4	99.5 99.5	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLCRA CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	59.4	67.6	68.3	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.6	69.7	69.7
≥ 2000	62.8	71.4	72.2	72.8	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.6	73.6
≥ 1800	62.9	71.6	72.3	72.9	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.6	73.7	73.7
≥ 1600	63.0	71.7	72.4	73.0	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.6	73.6	73.7	73.8	73.8
≥ 1400	63.8	72.4	73.2	73.8	74.0	74.0	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.6	74.6
≥ 1200	64.9	73.6	74.4	75.0	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.6	75.6	75.7	75.8	75.8
≥ 1000	65.9	74.8	75.7	76.2	76.4	76.4	76.4	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.0	77.0
≥ 900	66.2	75.1	76.0	76.6	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.3	77.3
≥ 800	66.6	75.9	76.8	77.3	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.1	78.1
≥ 700	67.0	76.4	77.3	77.9	78.1	78.1	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.6	78.7	78.7
≥ 600	67.4	77.1	78.1	78.7	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4	79.4
≥ 500	69.1	79.3	80.3	81.1	81.3	81.3	81.3	81.6	81.7	81.7	81.7	81.8	81.8	81.9	82.0	82.0
≥ 4500	69.9	80.4	81.4	82.2	82.4	82.4	82.4	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.1	83.1
≥ 4000	70.7	82.3	83.4	84.2	84.6	84.6	84.6	85.0	85.1	85.1	85.1	85.2	85.2	85.3	85.4	85.4
≥ 3500	71.1	82.9	84.0	84.8	85.1	85.1	85.4	85.7	85.8	85.8	85.8	85.9	85.9	86.0	86.1	86.1
≥ 3000	71.8	83.9	85.0	85.9	86.2	86.2	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.2	87.2
≥ 2500	72.3	85.2	86.3	87.3	87.7	87.7	88.0	88.2	88.3	88.3	88.3	88.4	88.4	88.6	88.7	88.7
≥ 2000	73.4	86.6	87.7	88.7	89.0	89.0	89.3	89.6	89.7	89.7	89.7	89.8	89.8	89.9	90.0	90.0
≥ 1800	73.8	86.9	88.0	89.0	89.3	89.3	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.3	90.3
≥ 1500	74.1	87.7	88.8	89.8	90.1	90.1	90.4	90.7	90.8	90.8	90.8	90.9	90.9	91.0	91.1	91.1
≥ 1200	74.3	88.1	89.2	90.2	90.6	90.6	90.9	91.2	91.3	91.3	91.3	91.4	91.4	91.6	91.7	91.7
≥ 1000	74.7	88.6	89.7	90.7	91.0	91.0	91.6	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.3	92.3
≥ 900	74.7	88.7	89.8	90.8	91.1	91.1	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.4	92.4
≥ 800	74.9	89.1	90.2	91.2	91.6	91.6	92.1	92.4	92.6	92.6	92.6	92.7	92.7	92.8	92.9	92.9
≥ 700	75.3	90.1	91.2	92.2	92.6	92.6	93.1	93.4	93.6	93.6	93.6	93.7	93.7	93.8	93.9	93.9
≥ 600	75.9	91.2	92.3	93.3	93.7	93.7	94.4	94.8	94.9	94.9	94.9	95.0	95.0	95.1	95.2	95.2
≥ 500	76.2	92.0	93.1	94.1	94.6	94.6	95.3	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.1	96.1
≥ 400	76.2	92.1	93.3	94.7	95.7	95.8	96.6	96.9	97.1	97.2	97.2	97.3	97.4	97.8	97.9	97.9
≥ 300	76.2	92.1	93.3	94.8	95.9	96.1	97.0	97.3	97.7	97.8	97.8	97.9	98.2	98.6	98.8	98.8
≥ 200	76.2	92.1	93.3	94.8	96.0	96.2	97.1	97.4	97.8	98.2	98.2	98.3	98.7	99.0	99.3	99.3
≥ 100	76.2	92.1	93.3	94.8	96.0	96.2	97.1	97.4	97.8	98.2	98.2	98.3	98.7	99.2	99.8	99.8
≥ 0	76.2	92.1	93.3	94.8	96.0	96.2	97.1	97.4	97.8	98.2	98.2	98.3	98.7	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

07923

MCCONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.2	64.7	65.3	65.7	66.2	66.2	66.3	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.3
≥ 20000	58.2	67.4	68.1	68.4	69.0	69.0	69.1	69.4	69.4	69.8	69.9	69.9	69.9	69.9	69.9	70.1
≥ 18000	58.2	67.4	68.1	68.4	69.0	69.0	69.1	69.4	69.4	69.8	69.9	69.9	69.9	69.9	69.9	70.1
≥ 16000	58.6	67.8	68.4	68.8	69.3	69.3	69.4	69.8	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.4
≥ 14000	58.8	68.0	68.7	69.0	69.6	69.6	69.7	70.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.7
≥ 12000	59.1	68.3	69.0	69.3	69.9	69.9	70.0	70.3	70.3	70.7	70.8	70.8	70.8	70.8	70.8	71.0
≥ 10000	61.1	70.7	71.3	71.7	72.2	72.2	72.3	72.7	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.3
≥ 9000	61.6	71.1	71.9	72.2	72.8	72.8	72.9	73.2	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.9
≥ 8000	62.3	72.2	73.0	73.3	73.9	73.9	74.0	74.3	74.3	74.7	74.8	74.8	74.8	74.8	74.8	75.0
≥ 7000	62.7	72.7	73.4	73.8	74.3	74.3	74.4	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.4
≥ 6000	63.0	73.1	73.9	74.2	74.8	74.8	74.9	75.2	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.9
≥ 5000	65.0	75.3	76.1	76.4	77.0	77.0	77.1	77.6	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.2
≥ 4500	65.6	76.1	77.0	77.3	77.9	77.9	78.0	78.4	78.4	78.8	78.9	78.9	78.9	78.9	78.9	79.1
≥ 4000	66.7	77.9	78.8	79.3	80.0	80.0	80.1	80.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.2
≥ 3500	67.0	78.3	79.2	79.8	80.4	80.4	80.6	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.7
≥ 3000	68.1	79.6	80.6	81.1	81.8	81.8	81.9	82.3	82.3	82.7	82.8	82.8	82.8	82.8	82.8	83.0
≥ 2500	68.2	79.8	80.8	81.3	82.0	82.0	82.1	82.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.2
≥ 2000	69.0	81.7	83.0	83.7	84.3	84.3	84.4	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.6
≥ 1800	69.0	81.9	83.2	83.9	84.7	84.7	84.8	85.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.9
≥ 1500	69.4	82.9	84.2	84.9	85.7	85.7	85.8	86.2	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.9
≥ 1200	69.6	83.2	84.6	85.2	86.0	86.0	86.1	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.3
≥ 1000	69.9	83.9	85.3	86.0	86.8	86.8	87.1	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.4
≥ 900	70.4	84.7	86.1	86.8	87.6	87.6	87.9	88.4	88.4	88.8	88.9	88.9	89.0	89.0	89.0	89.2
≥ 800	70.4	85.2	86.7	87.3	88.1	88.1	88.6	89.1	89.1	89.4	89.6	89.6	89.7	89.7	89.7	89.9
≥ 700	71.1	86.6	88.1	88.9	89.7	89.7	90.1	90.9	90.9	91.3	91.4	91.4	91.6	91.6	91.6	91.8
≥ 600	72.0	87.9	89.4	90.2	91.3	91.3	91.8	92.6	92.6	93.0	93.1	93.1	93.2	93.2	93.2	93.4
≥ 500	72.1	88.3	90.0	90.9	92.3	92.3	92.8	93.7	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.6
≥ 400	72.3	88.7	90.3	91.4	93.1	93.1	93.9	94.8	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.7
≥ 300	72.3	88.8	90.4	91.9	93.7	93.8	95.0	96.1	96.1	96.7	96.8	96.8	96.9	97.1	97.4	97.8
≥ 200	72.3	88.8	90.4	91.9	93.7	93.8	95.1	96.3	96.4	97.1	97.3	97.3	97.4	97.7	98.0	98.3
≥ 100	72.3	88.8	90.4	91.9	93.7	93.8	95.1	96.3	96.4	97.4	97.9	97.9	98.0	98.2	98.9	99.2
≥ 0	72.3	88.8	90.4	91.9	93.7	93.8	95.1	96.3	96.4	97.4	97.9	97.9	98.0	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MC CONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	45.6	52.8	55.0	56.0	56.7	56.9	57.0	57.2	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	49.7	57.7	60.2	61.2	61.9	62.1	62.2	62.4	62.6	62.8	62.9	62.9	63.0	63.1	63.2	63.3
≥ 18000	49.9	58.1	60.7	61.7	62.3	62.6	62.7	62.9	63.0	63.2	63.3	63.3	63.4	63.6	63.7	63.8
≥ 16000	49.9	58.1	60.7	61.7	62.3	62.6	62.7	62.9	63.0	63.2	63.3	63.3	63.4	63.6	63.7	63.8
≥ 14000	50.9	59.6	62.1	63.1	63.8	64.0	64.1	64.3	64.4	64.7	64.8	64.8	64.9	65.0	65.1	65.2
≥ 12000	52.3	61.6	64.1	65.1	65.8	66.0	66.1	66.3	66.6	66.8	66.9	66.9	67.0	67.1	67.2	67.3
≥ 10000	54.2	64.3	66.9	67.9	68.7	68.9	69.0	69.2	69.4	69.7	69.8	69.8	69.9	70.0	70.1	70.2
≥ 9000	54.7	64.9	67.4	68.4	69.2	69.4	69.6	69.8	70.0	70.2	70.3	70.3	70.4	70.6	70.7	70.8
≥ 8000	56.0	66.7	69.4	70.4	71.2	71.4	71.6	71.8	72.0	72.2	72.3	72.3	72.4	72.6	72.7	72.8
≥ 7000	56.6	67.2	70.1	71.1	71.9	72.1	72.2	72.4	72.8	73.0	73.1	73.1	73.2	73.3	73.4	73.6
≥ 6000	57.1	67.8	70.9	71.9	72.8	73.0	73.2	73.4	73.8	74.0	74.1	74.1	74.2	74.3	74.4	74.6
≥ 5000	58.4	69.7	72.8	73.9	74.8	75.0	75.3	75.6	75.9	76.2	76.3	76.3	76.4	76.6	76.7	76.8
≥ 4500	58.4	69.8	72.9	74.0	74.9	75.1	75.4	75.7	76.0	76.3	76.4	76.4	76.6	76.7	76.8	76.9
≥ 4000	59.4	71.1	74.3	75.8	76.8	77.2	77.7	77.9	78.2	78.6	78.7	78.7	78.9	78.9	79.0	79.1
≥ 3500	59.6	71.2	74.7	76.2	77.2	77.7	78.1	78.3	78.7	79.0	79.1	79.1	79.2	79.3	79.4	79.6
≥ 3000	60.0	71.7	75.2	76.8	78.0	78.4	78.9	79.1	79.4	79.8	79.9	79.9	80.0	80.1	80.2	80.3
≥ 2500	60.2	72.3	76.1	77.7	79.0	79.4	79.9	80.1	80.4	80.8	80.9	80.9	81.0	81.1	81.2	81.3
≥ 2000	60.8	73.6	77.7	79.4	80.8	81.2	81.8	82.0	82.3	82.7	82.8	82.8	82.9	83.0	83.1	83.2
≥ 1800	61.0	73.9	78.0	79.8	81.1	81.6	82.1	82.3	82.7	83.0	83.1	83.1	83.2	83.3	83.4	83.6
≥ 1500	61.7	74.9	79.1	80.9	82.3	82.8	83.3	83.6	83.9	84.2	84.3	84.3	84.4	84.6	84.7	84.8
≥ 1200	62.4	76.2	80.6	82.4	83.9	84.3	84.9	85.2	85.6	85.9	86.0	86.0	86.1	86.2	86.3	86.4
≥ 1000	63.2	77.2	81.8	83.7	85.2	85.7	86.2	86.6	86.9	87.2	87.3	87.3	87.4	87.6	87.7	87.8
≥ 900	63.7	77.7	82.4	84.4	86.2	86.7	87.2	87.6	87.9	88.3	88.4	88.4	88.6	88.7	88.8	88.9
≥ 800	63.9	78.4	83.4	85.6	87.6	88.0	88.6	88.9	89.3	89.8	89.9	89.9	90.0	90.1	90.2	90.3
≥ 700	64.3	79.0	84.0	86.3	88.7	89.1	89.9	90.2	90.7	91.1	91.2	91.2	91.3	91.4	91.6	91.7
≥ 600	64.1	80.1	85.4	87.9	90.2	90.9	91.8	92.1	92.6	93.0	93.1	93.1	93.2	93.3	93.4	93.6
≥ 500	64.2	80.4	85.8	88.3	90.8	91.6	92.6	93.2	93.7	94.1	94.2	94.2	94.3	94.4	94.6	94.7
≥ 400	64.3	80.8	86.1	88.7	91.1	91.9	93.1	93.9	94.3	94.8	94.9	94.9	95.1	95.2	95.3	95.4
≥ 300	64.3	81.0	86.3	88.9	91.3	92.1	93.8	95.0	96.0	96.6	96.7	96.7	96.9	97.1	97.2	97.3
≥ 200	64.3	81.0	86.3	88.9	91.3	92.2	94.1	95.4	96.8	97.3	97.6	97.6	97.8	98.1	98.4	98.9
≥ 100	64.3	81.0	86.3	88.9	91.3	92.2	94.1	95.6	97.0	97.7	97.9	97.9	98.1	98.7	99.0	99.8
≥ 0	64.3	81.0	86.3	88.9	91.3	92.2	94.1	95.6	97.0	97.7	97.9	97.9	98.1	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

67923

MCCONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

J900-1100

HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	50.2	57.0	57.6	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	54.7	62.3	63.2	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	55.1	62.8	63.7	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	55.2	63.0	63.9	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	55.7	63.6	64.4	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	56.9	65.3	66.2	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	59.2	68.1	69.1	69.6	69.7	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	59.8	68.8	69.8	70.2	70.3	70.4	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	60.7	70.9	71.9	72.3	72.4	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	61.7	71.9	72.9	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	62.1	72.7	73.7	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	62.9	73.6	74.7	75.3	75.4	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	63.2	74.0	75.2	75.9	76.0	76.3	76.3	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	64.4	75.9	77.2	77.9	78.0	78.3	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	64.6	76.0	77.3	78.0	78.1	78.4	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	65.0	77.0	78.4	79.4	79.6	79.9	80.1	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	65.2	77.7	79.1	80.1	80.2	80.7	80.9	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	65.9	79.2	80.7	81.8	81.9	82.3	82.6	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	66.2	79.6	81.0	82.1	82.2	82.7	82.9	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	67.3	81.6	83.1	84.3	84.4	84.9	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	68.1	83.4	85.2	86.6	86.7	87.2	87.4	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1000	68.7	85.0	87.2	88.8	88.9	89.6	89.8	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	68.7	85.3	87.8	89.4	89.9	90.6	90.8	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 800	69.0	86.1	88.7	90.4	91.0	92.0	92.2	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	69.4	87.0	89.6	91.4	92.0	93.0	93.2	93.3	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	69.8	87.6	90.4	92.3	93.0	94.2	94.8	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	69.8	88.0	90.9	93.1	93.9	95.1	95.7	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	69.8	88.0	90.9	93.3	94.2	95.9	96.9	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	69.8	88.1	91.0	93.4	94.4	96.1	97.6	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	69.8	88.1	91.0	93.4	94.4	96.1	97.8	98.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	69.8	88.1	91.0	93.4	94.4	96.1	97.8	98.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	69.8	88.1	91.0	93.4	94.4	96.1	97.8	98.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0923

MCCONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	53.3	57.9	58.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	59.8	65.3	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	60.2	65.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	60.7	66.2	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	62.1	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	64.2	70.4	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	66.1	73.0	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	66.7	73.7	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	67.6	75.4	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	67.8	75.9	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	68.4	76.7	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	68.6	77.4	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	69.1	78.3	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	69.6	79.2	80.2	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	70.3	80.3	81.3	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	71.0	81.6	82.6	83.1	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	72.4	83.7	84.8	85.3	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	73.6	85.3	86.4	87.0	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	74.3	86.6	87.7	88.2	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	75.4	88.2	89.6	90.3	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	76.1	90.0	91.3	92.2	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	76.8	91.4	93.0	94.1	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	76.9	91.8	93.4	94.7	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	77.3	92.7	94.4	95.8	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	77.6	93.0	94.8	96.2	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	77.7	93.4	95.3	96.9	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	77.7	93.7	95.6	97.3	98.0	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	77.7	93.7	95.7	97.7	98.4	98.7	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	77.7	93.7	95.7	97.7	98.4	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.7	93.7	95.7	97.7	98.4	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.7	93.7	95.7	97.7	98.4	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.7	93.7	95.7	97.7	98.4	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03423

MCCONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	51.1	56.1	56.9	57.0	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥20000	59.6	66.8	67.6	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥18000	60.0	67.2	68.0	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥16000	60.1	67.4	68.2	68.3	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥14000	61.3	68.9	69.7	69.8	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥12000	64.0	72.4	73.2	73.3	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥10000	67.3	77.1	77.9	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥9000	67.7	77.4	78.2	78.4	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥8000	69.0	79.1	80.1	80.3	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥7000	69.8	79.9	80.9	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥6000	70.2	80.6	81.7	82.0	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥5000	71.6	81.9	83.0	83.3	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥4500	71.7	82.3	83.4	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥4000	72.9	83.8	84.9	85.3	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥3500	73.9	85.2	86.3	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥3000	75.2	86.6	87.7	88.1	88.2	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥2500	76.0	88.2	89.4	90.0	90.1	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥2000	77.1	89.9	91.2	91.9	92.0	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥1800	77.3	90.2	91.6	92.2	92.3	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥1500	78.0	91.0	92.3	93.1	93.2	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥1200	78.1	91.4	92.8	93.7	93.8	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥1000	78.8	92.6	94.1	95.1	95.2	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥900	78.9	93.1	94.7	95.7	95.9	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥800	79.0	93.2	94.9	95.9	96.1	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥700	79.6	93.9	95.6	96.6	96.8	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥600	79.6	94.1	95.8	96.9	97.3	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥500	79.7	94.4	96.2	97.7	98.4	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥400	79.7	94.4	96.2	97.8	98.6	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥300	79.7	94.4	96.2	97.8	98.6	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥200	79.7	94.4	96.2	97.8	98.6	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥100	79.7	94.4	96.2	97.8	98.6	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥0	79.7	94.4	96.2	97.8	98.6	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17923

MCCONNELL AFB KS

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	56.2	62.1	62.4	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	65.3	72.9	73.4	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	65.3	72.9	73.4	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	65.1	73.3	73.9	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	65.7	74.4	75.0	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	68.6	77.9	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	71.1	81.6	82.1	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	71.4	82.7	83.2	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	72.2	84.0	84.6	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	73.1	85.1	85.7	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	73.9	86.2	86.8	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	74.7	87.1	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	75.1	87.6	88.1	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	75.9	88.7	89.2	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	76.2	89.0	89.6	90.2	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	77.1	90.2	90.8	91.4	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	77.7	91.1	91.8	92.4	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	77.8	91.2	92.2	92.9	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	78.1	91.6	92.6	93.2	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	78.3	92.0	93.0	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	78.6	92.8	93.8	94.6	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	78.7	93.3	94.3	95.1	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	78.7	93.4	94.7	95.6	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	78.7	93.6	94.8	95.8	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	79.2	94.6	95.9	96.9	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	79.3	94.7	96.1	97.3	98.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	79.4	94.8	96.2	97.6	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	79.4	94.8	96.2	97.6	98.6	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	79.4	94.8	96.2	97.6	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.4	94.8	96.2	97.6	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.4	94.8	96.2	97.6	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.4	94.8	96.2	97.6	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923 MCCONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	62.9	70.7	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	67.4	76.6	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	67.7	76.8	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	67.7	76.8	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	68.0	77.6	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	69.6	79.1	79.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	71.0	81.1	81.4	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9500	71.2	81.6	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	72.2	83.4	83.8	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	73.1	84.4	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	73.7	85.1	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	74.9	86.6	87.1	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	75.4	87.3	88.0	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	76.3	89.0	89.7	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	76.9	89.7	90.3	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	77.2	90.4	91.1	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	77.6	90.8	91.7	92.3	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	78.4	92.0	92.9	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	78.4	92.0	92.9	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	79.1	92.8	93.7	94.3	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	79.1	92.9	93.8	94.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	79.1	93.2	94.1	94.9	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	79.1	93.3	94.4	95.2	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	79.3	93.7	94.8	95.6	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	79.7	94.2	95.4	96.2	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	79.7	94.7	95.9	96.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	79.8	94.8	96.0	96.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	79.8	95.0	96.3	97.3	98.3	98.3	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	79.8	95.0	96.3	97.3	98.7	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	79.8	95.0	96.3	97.3	98.7	98.8	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	79.8	95.0	96.3	97.3	98.7	98.8	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	79.8	95.0	96.3	97.3	98.7	98.8	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0923

MCCONNELL AFB KS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	54.4	61.1	61.8	62.3	62.5	62.6	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9
≥ 20000	59.6	67.6	68.4	68.9	69.1	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6
≥ 18000	59.9	67.8	68.7	69.2	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.9
≥ 16000	60.0	68.0	68.9	69.4	69.6	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 14000	60.8	69.0	69.9	70.3	70.6	70.6	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
≥ 12000	62.4	71.1	72.0	72.4	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.2
≥ 10000	64.5	73.8	74.8	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	64.9	74.4	75.3	75.8	76.1	76.2	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6
≥ 8000	65.8	76.0	77.0	77.5	77.7	77.8	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2
≥ 7000	66.5	76.7	77.7	78.2	78.5	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0
≥ 6000	67.0	77.4	78.5	79.1	79.3	79.4	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9
≥ 5000	69.1	78.9	80.0	80.6	80.9	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5
≥ 4500	68.6	79.5	80.7	81.3	81.5	81.6	81.7	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.2
≥ 4000	69.5	81.0	82.2	82.9	83.3	83.4	83.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0
≥ 3500	69.9	81.6	82.8	83.6	83.9	84.1	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.7
≥ 3000	70.7	82.6	83.9	84.7	85.1	85.3	85.5	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	86.0
≥ 2500	71.2	83.6	85.0	85.8	86.3	86.4	86.7	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.2
≥ 2000	72.0	84.9	86.5	87.4	87.8	88.0	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 1800	72.3	85.3	86.9	87.8	88.3	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 1500	72.9	86.4	88.0	88.9	89.4	89.6	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 1200	73.3	87.3	88.9	89.9	90.4	90.6	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1000	73.7	88.2	89.9	91.0	91.6	91.8	92.1	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.7
≥ 900	73.9	88.5	90.4	91.6	92.2	92.4	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3
≥ 800	74.1	89.0	91.0	92.2	92.9	93.1	93.5	93.6	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0
≥ 700	74.5	89.8	91.8	93.1	93.8	94.1	94.5	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1
≥ 600	74.8	90.5	92.6	93.9	94.9	95.2	95.8	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4
≥ 500	74.9	90.8	93.0	94.5	95.6	95.9	96.5	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 400	74.9	90.9	93.1	94.8	96.0	96.4	97.3	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.2	98.2
≥ 300	74.9	91.0	93.2	94.9	96.2	96.6	97.7	98.3	98.5	98.7	98.7	98.7	98.8	98.9	99.0	99.1
≥ 200	74.9	91.0	93.2	94.9	96.2	96.7	97.8	98.4	98.7	99.0	99.1	99.1	99.2	99.3	99.4	99.5
≥ 100	74.9	91.0	93.2	94.9	96.2	96.7	97.8	98.4	98.8	99.1	99.2	99.2	99.3	99.5	99.7	99.8
≥ 0	74.9	91.0	93.2	94.9	96.2	96.7	97.8	98.4	98.8	99.1	99.2	99.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	67.3	70.2	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	69.3	72.2	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	69.4	72.5	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	69.6	72.8	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	69.7	72.9	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	70.3	73.7	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	71.5	75.5	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	71.5	75.5	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	73.3	77.8	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	74.2	78.8	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	75.2	80.0	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	76.7	82.3	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	77.0	82.7	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	77.8	84.0	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	78.5	85.1	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	78.6	86.1	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	78.8	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	79.1	87.3	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	79.4	87.5	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	80.0	89.2	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	80.3	89.8	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	81.3	91.6	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	81.5	92.3	93.8	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	81.6	92.6	94.3	94.8	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	82.0	93.2	95.1	95.7	96.3	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	82.0	93.5	95.4	96.0	96.7	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	82.0	93.8	95.6	96.6	97.2	97.5	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	82.0	93.8	95.6	96.6	97.4	97.8	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	82.0	93.8	95.6	96.7	97.5	98.1	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	82.0	93.8	95.6	96.7	97.5	98.1	98.5	8.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	82.0	93.8	95.6	96.7	97.5	98.1	98.6	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	82.0	93.8	95.6	96.7	97.5	98.1	98.6	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 6523 MCCONNELL AFB KS

69-70, 73-80

CLT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH 0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	63.2	66.2	66.7	66.7	66.8	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.4
≥ 20000	65.3	68.3	68.7	68.7	68.8	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.4	69.4	69.5	69.5
≥ 18000	65.4	68.5	69.0	69.0	69.1	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.8
≥ 16000	65.4	68.5	69.0	69.0	69.1	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.8
≥ 14000	65.8	68.9	69.5	69.5	69.6	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2
≥ 12000	66.3	69.7	70.2	70.2	70.3	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.0
≥ 10000	68.3	71.9	72.5	72.5	72.6	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.2
≥ 9000	68.3	71.9	72.5	72.5	72.6	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.2
≥ 8000	70.2	74.1	74.7	74.7	74.8	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.5
≥ 7000	70.8	74.6	75.3	75.3	75.4	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75.9	75.9	76.0	76.0
≥ 6000	71.7	75.7	76.3	76.3	76.5	76.6	76.7	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.1	77.1
≥ 5000	72.5	76.8	77.4	77.4	77.5	77.6	77.7	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.3
≥ 4500	73.0	77.5	78.2	78.3	78.4	78.6	78.7	78.8	79.0	79.0	79.0	79.0	79.1	79.1	79.2	79.2
≥ 4000	73.7	78.4	79.0	79.1	79.2	79.5	79.6	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.1	80.1
≥ 3500	74.5	79.9	80.5	80.6	80.8	81.0	81.1	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.6	81.6
≥ 3000	75.8	82.2	82.9	83.1	83.2	83.4	83.5	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.1
≥ 2500	76.6	83.5	84.3	84.5	84.6	84.8	84.9	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.5	85.5
≥ 2000	77.6	85.2	85.9	86.1	86.2	86.5	86.6	86.7	87.0	87.1	87.1	87.1	87.2	87.2	87.3	87.3
≥ 1800	77.7	85.4	86.2	86.5	86.6	86.8	86.9	87.0	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.6
≥ 1500	78.8	87.2	88.2	88.5	88.6	88.8	88.9	89.0	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7
≥ 1200	79.0	87.5	88.7	89.1	89.2	89.5	89.6	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.3	90.3
≥ 1000	79.7	88.5	89.8	90.4	90.5	90.8	90.9	91.0	91.3	91.4	91.4	91.4	91.5	91.5	91.6	91.6
≥ 900	80.2	89.4	90.6	91.3	91.6	91.8	91.9	92.0	92.4	92.5	92.5	92.5	92.6	92.6	92.7	92.7
≥ 800	80.4	90.1	91.6	92.3	92.7	92.9	93.0	93.1	93.4	93.5	93.5	93.5	93.7	93.7	93.8	93.8
≥ 700	80.8	90.8	92.5	93.3	93.8	94.1	94.2	94.3	94.8	94.9	94.9	94.9	95.1	95.1	95.2	95.2
≥ 600	80.9	91.3	93.2	94.2	94.6	94.9	95.1	95.2	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 500	80.9	91.4	93.7	94.8	95.6	96.0	96.5	96.6	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4
≥ 400	80.9	91.4	93.9	95.3	96.0	96.5	96.9	97.0	97.6	97.7	97.7	97.7	97.8	97.8	98.0	98.0
≥ 300	80.9	91.6	94.2	95.6	96.6	97.0	97.4	97.7	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7
≥ 200	80.9	91.6	94.2	95.6	96.6	97.0	97.6	98.0	98.6	98.8	98.8	98.8	98.9	98.9	99.1	99.1
≥ 100	80.9	91.6	94.2	95.6	96.6	97.0	97.7	98.1	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 0	80.9	91.6	94.2	95.6	96.6	97.0	97.7	98.1	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	56.3	60.3	60.9	61.5	61.8	61.8	62.0	62.0	62.5	62.6	62.7	62.8	62.8	62.9	62.9	63.3
≥ 20000	58.1	62.4	63.0	63.7	64.0	64.0	64.2	64.2	64.6	64.7	64.8	64.9	64.9	64.9	65.1	65.5
≥ 18000	58.2	62.5	63.2	63.9	64.2	64.2	64.4	64.4	64.8	64.9	65.1	65.2	65.2	65.2	65.3	65.7
≥ 16000	58.5	62.8	63.5	64.2	64.5	64.5	64.7	64.7	65.2	65.3	65.4	65.5	65.5	65.5	65.6	66.0
≥ 14000	58.7	63.3	64.1	64.7	65.1	65.1	65.3	65.3	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.6
≥ 12000	59.9	64.5	65.3	66.0	66.3	66.3	66.7	66.7	67.1	67.2	67.3	67.4	67.4	67.4	67.5	68.0
≥ 10000	62.8	67.5	68.3	69.0	69.4	69.4	69.7	69.7	70.1	70.2	70.3	70.4	70.4	70.4	70.5	71.0
≥ 9000	62.7	67.6	68.4	69.1	69.5	69.5	69.8	69.8	70.2	70.3	70.4	70.5	70.5	70.5	70.6	71.1
≥ 8000	64.7	69.5	70.3	71.1	71.5	71.5	71.8	71.8	72.3	72.4	72.5	72.6	72.6	72.6	72.7	73.1
≥ 7000	66.1	71.1	71.9	72.7	73.1	73.1	73.4	73.4	73.9	74.0	74.1	74.2	74.2	74.2	74.3	74.7
≥ 6000	67.3	72.4	73.2	74.1	74.6	74.6	74.9	74.9	75.4	75.5	75.6	75.7	75.7	75.7	75.8	76.2
≥ 5000	68.3	73.2	74.1	74.9	75.6	75.6	75.9	75.9	76.3	76.5	76.6	76.7	76.7	76.7	76.8	77.2
≥ 4500	68.4	73.9	74.8	75.7	76.3	76.3	76.7	76.7	77.1	77.2	77.3	77.4	77.4	77.4	77.5	78.0
≥ 4000	69.4	74.9	75.9	76.8	77.4	77.5	77.8	77.8	78.3	78.4	78.5	78.6	78.6	78.6	78.7	79.1
≥ 3500	69.5	76.0	77.0	77.8	78.5	78.6	78.9	78.9	79.4	79.5	79.6	79.7	79.7	79.7	79.8	80.2
≥ 3000	70.4	77.1	78.1	78.9	79.6	79.7	80.0	80.0	80.4	80.5	80.6	80.8	80.8	80.8	80.9	81.3
≥ 2500	71.0	78.3	79.2	80.1	80.9	81.0	81.3	81.4	81.8	81.9	82.0	82.2	82.2	82.2	82.3	82.7
≥ 2000	72.3	80.0	81.0	81.8	82.8	82.9	83.2	83.3	83.8	83.9	84.0	84.1	84.1	84.1	84.2	84.6
≥ 1800	72.6	80.9	81.8	82.7	83.7	83.8	84.1	84.2	84.6	84.7	84.8	84.9	84.9	84.9	85.1	85.5
≥ 1500	73.4	82.9	83.9	84.7	85.7	85.8	86.1	86.2	86.7	86.8	86.9	87.0	87.0	87.0	87.1	87.5
≥ 1200	74.4	84.3	85.5	86.5	87.6	87.8	88.2	88.3	88.7	88.8	88.9	89.0	89.0	89.0	89.1	89.6
≥ 1000	75.4	86.1	87.4	88.5	89.7	89.9	90.2	90.3	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.6
≥ 900	75.4	86.7	88.1	89.5	91.0	91.2	91.5	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.5	92.9
≥ 800	75.5	87.4	88.8	90.3	92.0	92.3	92.6	92.7	93.1	93.2	93.3	93.4	93.4	93.4	93.5	94.0
≥ 700	75.7	87.6	89.1	90.6	92.6	92.8	93.1	93.3	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.6
≥ 600	75.7	87.7	89.2	91.1	93.1	93.3	93.7	93.9	94.3	94.4	94.5	94.6	94.6	94.6	94.7	95.2
≥ 500	75.7	88.0	89.6	91.6	94.1	94.4	94.7	95.2	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.8
≥ 400	75.9	88.3	90.0	92.0	94.6	94.9	95.3	95.8	96.6	96.8	96.9	97.0	97.0	97.0	97.1	97.5
≥ 300	75.9	88.3	90.0	92.0	94.7	95.2	95.5	96.1	97.0	97.3	97.4	97.5	97.6	97.6	97.7	98.3
≥ 200	75.9	88.4	90.1	92.2	94.9	95.4	95.7	96.3	97.2	97.7	98.0	98.1	98.3	98.5	98.6	99.1
≥ 100	75.9	88.4	90.1	92.2	94.9	95.4	95.7	96.3	97.2	97.8	98.2	98.4	98.6	98.9	99.1	99.7
≥ 0	75.9	88.4	90.1	92.2	94.9	95.4	95.7	96.3	97.2	97.8	98.2	98.4	98.6	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3523

MCCONNELL AFB KS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	56.5	59.6	60.1	60.2	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	60.2	63.9	64.4	64.5	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	60.3	64.0	64.5	64.6	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	60.9	64.5	65.1	65.3	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	61.2	64.8	65.4	65.6	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	61.9	65.7	66.2	66.5	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	64.4	68.2	68.7	68.9	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	64.8	68.6	69.1	69.4	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	66.9	70.6	71.2	71.4	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	68.3	72.3	72.8	73.0	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	69.1	73.2	73.8	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	70.1	74.6	75.3	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	70.2	74.7	75.4	75.6	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	70.5	75.2	75.8	76.1	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	71.1	75.9	76.6	76.9	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	71.7	76.9	77.5	78.0	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	72.9	78.6	79.2	79.8	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	75.2	81.8	82.5	83.1	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	76.5	83.4	84.1	84.7	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	78.0	86.0	86.8	87.4	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	79.4	88.5	89.5	90.1	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	80.4	90.0	91.1	91.7	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	80.8	90.6	91.7	92.5	93.0	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	80.8	91.4	92.5	93.3	93.9	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	81.0	91.7	92.9	94.2	94.9	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	81.0	91.9	93.1	94.4	95.4	95.9	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	81.0	92.2	93.3	94.8	95.9	96.7	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	81.0	92.2	93.5	95.1	96.2	97.0	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	81.0	92.2	93.5	95.1	96.2	97.0	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	81.0	92.2	93.7	95.2	96.3	97.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 100	81.0	92.2	93.7	95.2	96.3	97.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 0	81.0	92.2	93.7	95.2	96.3	97.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923 MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	50.8	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	65.9	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	66.0	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	66.0	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	66.9	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	68.0	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	69.9	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	70.9	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	72.3	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	72.7	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	73.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	74.0	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	74.2	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	74.9	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	75.5	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	76.9	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	78.7	85.1	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	81.1	88.6	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	82.2	90.5	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	83.0	92.2	92.6	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	83.7	93.3	94.2	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	84.1	94.4	95.5	95.8	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	84.2	94.9	96.1	96.5	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	84.3	95.3	96.5	96.8	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	84.4	95.6	97.0	97.4	98.0	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	84.4	95.6	97.1	97.5	98.2	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	84.4	95.9	97.4	97.8	98.5	98.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	84.4	95.9	97.4	97.8	98.5	98.8	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.4	95.9	97.4	97.8	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.4	95.9	97.4	97.8	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.4	95.9	97.4	97.8	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.4	95.9	97.4	97.8	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17523

MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	63.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	69.0	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	69.6	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	69.9	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	71.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	71.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	74.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	74.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	76.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	76.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	77.4	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	78.2	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	78.3	83.9	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	78.8	84.5	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	79.2	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	80.8	87.6	88.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	82.2	90.4	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	83.5	93.2	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	83.7	93.3	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	84.0	94.1	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	84.7	95.4	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	84.9	95.7	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	85.3	96.1	96.9	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	85.4	96.6	97.3	97.4	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	85.4	96.8	97.5	97.6	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	85.4	96.9	97.7	97.8	98.4	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 500	85.4	97.0	97.8	98.0	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	85.4	97.0	97.8	98.0	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	85.4	97.0	97.8	98.0	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	85.4	97.0	97.8	98.0	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	85.4	97.0	97.8	98.0	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	85.4	97.0	97.8	98.0	98.5	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1930-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	68.4	70.2	70.2	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	72.8	75.4	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	73.2	75.9	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 18000	73.8	76.5	76.5	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 14000	74.2	76.9	76.9	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 12000	75.5	78.4	78.4	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 10000	78.1	81.4	81.4	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000	78.4	81.7	81.7	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 8000	78.8	82.3	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 7000	79.1	82.8	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000	80.0	84.2	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 5000	81.0	85.2	85.3	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	81.2	85.7	86.0	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	81.5	86.7	87.0	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3500	81.6	87.2	87.6	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	82.4	88.7	89.2	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	82.9	89.7	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2000	83.8	91.3	92.0	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800	83.8	91.4	92.2	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	84.1	92.2	92.9	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1200	84.6	93.3	94.3	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	84.8	94.1	95.2	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	85.3	95.2	96.2	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	85.3	96.0	97.1	97.4	98.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	85.4	96.2	97.3	97.6	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	85.4	96.3	97.4	97.7	98.5	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	85.4	96.5	97.5	97.8	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	85.4	96.5	97.5	97.8	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	85.4	96.5	97.5	97.8	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	85.4	96.5	97.5	97.8	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	85.4	96.5	97.5	97.8	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	85.4	96.5	97.5	97.8	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03923

MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	69.4	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	71.8	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1800	72.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1600	72.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1400	72.4	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1200	72.5	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1000	75.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 900	75.8	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 800	76.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 700	77.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	78.1	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 500	79.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 450	79.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 400	81.0	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 350	81.5	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 300	81.7	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 250	82.3	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 200	82.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	82.7	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	83.3	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	83.7	92.3	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	83.9	93.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	84.2	94.2	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	84.2	94.7	95.8	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	84.2	94.8	95.9	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	84.3	95.1	96.2	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	84.3	95.5	96.8	97.1	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	84.3	95.6	96.9	97.2	98.4	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	84.3	95.6	96.9	97.2	98.5	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	84.3	95.6	96.9	97.2	98.5	98.8	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.7
≥ 100	84.3	95.6	96.9	97.2	98.5	98.8	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.7	99.7	100.0
≥ 0	84.3	95.6	96.9	97.2	98.5	98.8	98.9	99.2	99.2	99.2	99.4	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7523

MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	63.2	66.0	66.3	66.4	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8
≥ 20000	66.5	69.8	70.1	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 18000	66.8	70.1	70.4	70.6	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
≥ 16000	67.0	70.4	70.7	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥ 14000	67.5	70.9	71.2	71.4	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9
≥ 12000	68.3	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8
≥ 10000	70.5	74.4	74.8	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 9000	70.9	74.9	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 8000	72.3	76.5	76.9	77.1	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6
≥ 7000	73.2	77.5	77.8	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 6000	74.0	78.5	78.9	79.1	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 5000	75.0	79.9	80.3	80.5	80.7	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0
≥ 4500	75.2	80.4	80.8	81.1	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 4000	76.0	81.3	81.7	82.0	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 3500	76.4	82.1	82.6	82.9	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 3000	77.3	83.7	84.3	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2
≥ 2500	78.2	85.3	85.8	86.2	86.4	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 2000	79.4	87.3	87.8	88.2	88.4	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 1800	79.8	87.9	88.5	88.8	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1500	80.6	89.4	90.1	90.4	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 1200	81.2	90.6	91.5	91.9	92.2	92.3	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 1000	81.8	91.7	92.8	93.3	93.6	93.7	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 900	82.1	92.4	93.6	94.1	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 800	82.2	93.0	94.2	94.8	95.4	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 700	82.4	93.3	94.7	95.3	96.1	96.4	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1
≥ 600	82.4	93.5	94.9	95.7	96.5	96.8	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 500	82.4	93.8	95.2	96.1	97.0	97.4	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 400	82.4	93.8	95.3	96.2	97.3	97.7	98.3	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	82.4	93.8	95.4	96.3	97.4	97.8	98.4	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	82.4	93.9	95.4	96.3	97.4	97.9	98.5	98.9	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 100	82.4	93.9	95.4	96.3	97.4	97.9	98.5	98.9	99.2	99.3	99.4	99.5	99.6	99.6	99.7	99.9
≥ 0	82.4	93.9	95.4	96.3	97.4	97.9	98.5	98.9	99.2	99.3	99.4	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7523 MCCONNELL AFB KS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	57.1	60.6	61.0	61.6	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1
≥ 20000	60.8	64.6	65.0	65.6	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 18000	61.0	64.9	65.3	65.9	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 16000	61.0	64.9	65.3	65.9	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 14000	61.1	65.0	65.4	66.0	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.6	66.6	66.6	66.6
≥ 12000	61.8	66.0	66.4	67.0	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6
≥ 10000	64.3	68.6	69.0	69.6	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 9000	64.4	68.7	69.1	69.7	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 8000	65.6	69.8	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 7000	66.6	70.9	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4
≥ 6000	66.9	71.2	71.7	72.2	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8
≥ 5000	68.4	72.8	73.2	74.0	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.6
≥ 4500	69.2	73.8	74.2	75.0	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.6
≥ 4000	69.9	75.4	76.0	76.8	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 3500	71.1	77.1	77.7	78.7	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2
≥ 3000	71.4	77.7	78.2	79.2	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 2500	72.3	78.8	79.3	80.4	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 2000	73.3	80.3	80.9	82.0	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 1800	73.7	80.9	81.4	82.6	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 1500	74.8	83.1	83.7	84.8	85.1	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6
≥ 1200	75.6	85.1	85.9	87.3	87.8	87.8	87.9	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1000	75.7	86.0	87.0	88.7	89.2	89.2	89.3	89.3	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 900	75.7	86.9	88.0	89.8	90.7	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 800	75.7	87.3	88.4	90.2	91.1	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 700	75.8	87.6	88.8	91.1	92.0	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 600	75.9	87.9	89.4	92.3	93.4	93.6	93.7	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 500	75.9	88.4	90.2	93.2	94.8	94.9	95.2	95.2	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8
≥ 400	75.9	88.6	90.3	93.4	95.2	95.6	96.1	96.3	96.3	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300	75.9	88.6	90.3	93.6	95.7	96.0	96.8	97.1	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 200	75.9	88.6	90.3	93.6	95.7	96.0	96.8	97.1	97.6	98.2	98.4	98.6	98.8	98.8	98.8	98.8
≥ 100	75.9	88.6	90.3	93.6	95.7	96.0	96.8	97.2	97.7	98.6	99.0	99.1	99.3	99.4	99.6	99.7
≥ 0	75.9	88.6	90.3	93.6	95.7	96.0	96.8	97.2	97.7	98.6	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	55.2	63.0	61.1	61.2	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.2	62.3
≥ 20000	57.7	62.9	64.0	64.1	64.6	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.2
≥ 18000	57.7	62.9	64.0	64.1	64.6	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.2
≥ 16000	57.7	62.9	64.0	64.1	64.6	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.2
≥ 14000	58.0	63.2	64.3	64.4	64.9	65.0	65.1	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.6
≥ 12000	58.0	63.7	64.9	65.0	65.4	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.1
≥ 10000	59.3	65.1	66.3	66.4	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.6
≥ 9000	59.3	65.1	66.3	66.4	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.6
≥ 8000	60.9	66.7	67.9	68.1	68.6	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.2
≥ 7000	61.7	67.6	68.8	69.2	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.3
≥ 6000	62.1	68.0	69.2	69.8	70.2	70.3	70.4	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.8	70.9
≥ 5000	63.2	69.1	70.4	71.2	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.3
≥ 4500	63.6	69.8	71.1	71.9	72.3	72.4	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.1
≥ 4000	64.0	70.9	72.2	73.0	73.4	73.6	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.2
≥ 3500	65.2	72.6	73.9	74.7	75.1	75.2	75.4	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.9
≥ 3000	65.7	73.2	74.6	75.3	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.6
≥ 2500	66.9	75.1	76.6	77.3	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.6
≥ 2000	68.2	77.3	78.8	79.6	80.0	80.1	80.3	80.3	80.3	80.4	80.4	80.6	80.6	80.6	80.7	80.8
≥ 1800	68.6	78.2	79.7	80.4	80.9	81.0	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.6	81.7
≥ 1500	70.0	80.0	81.7	82.6	83.2	83.3	83.6	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.9	84.0
≥ 1200	70.6	81.7	83.4	84.4	85.1	85.2	85.4	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.9
≥ 1000	71.3	83.8	85.6	86.9	87.9	88.0	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.6	88.7
≥ 900	71.7	84.6	86.6	87.9	88.9	89.0	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.6	89.7
≥ 800	71.8	85.3	87.6	88.9	89.9	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.6	90.7
≥ 700	72.2	86.2	88.6	89.9	91.1	91.2	91.4	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.9
≥ 600	72.2	86.8	89.3	91.1	92.6	92.7	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.6
≥ 500	72.3	87.0	89.8	91.9	93.6	93.8	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.6	94.7
≥ 400	72.3	87.1	89.9	92.0	94.1	94.3	94.6	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.8
≥ 300	72.3	87.2	90.0	92.1	94.6	94.9	95.3	96.0	96.3	96.7	96.7	96.8	96.8	96.8	96.9	97.0
≥ 200	72.3	87.3	90.2	92.3	94.8	95.1	95.7	96.4	97.1	97.8	97.8	98.0	98.0	98.0	98.1	98.2
≥ 100	72.3	87.3	90.2	92.3	94.8	95.1	95.7	96.4	97.1	97.8	97.9	98.2	98.4	98.4	98.8	99.0
≥ 0	72.3	87.3	90.2	92.3	94.8	95.1	95.7	96.4	97.1	97.8	98.0	98.3	98.7	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17923

MCCONNELL AFB KS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-2800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	48.2	52.9	53.8	54.9	56.1	56.1	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.9
≥ 20000	50.9	56.2	57.2	58.4	59.7	59.7	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.4
≥ 18000	51.3	56.3	57.3	58.6	59.8	59.8	60.	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6
IV 16000	51.1	56.4	57.4	58.7	59.9	59.9	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.7
IV 14000	51.8	57.1	58.1	59.3	60.6	60.6	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3
IV 12000	52.1	57.4	58.4	59.7	60.9	60.9	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.7
IV 10000	53.9	59.6	60.8	62.0	63.2	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0
IV 9000	53.9	59.6	60.8	62.0	63.2	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0
IV 8000	55.4	61.2	62.6	63.8	65.0	65.0	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.8
IV 7000	56.1	62.1	63.4	64.7	65.9	65.9	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.7
IV 6000	57.1	63.3	64.7	66.0	67.2	67.2	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.0
IV 5000	58.1	64.3	65.7	67.0	68.2	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.0
IV 4500	58.6	65.1	66.4	67.8	69.0	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.8
IV 4000	58.8	65.8	67.1	68.4	69.8	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.6
IV 3500	59.6	66.6	68.0	69.3	70.7	70.7	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.4
IV 3000	61.3	69.1	70.6	71.9	73.3	73.3	73.6	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.1
IV 2500	62.0	70.0	71.4	72.8	74.2	74.2	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.0
IV 2000	63.2	72.3	74.2	75.6	77.2	77.2	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	78.0
IV 1800	63.9	73.1	75.1	76.7	78.3	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1
IV 1500	65.6	75.2	77.2	78.8	80.7	80.7	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8
IV 1200	66.6	77.0	79.3	81.2	83.2	83.2	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.4
IV 1000	66.8	78.1	80.7	82.6	84.9	84.9	85.3	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2
IV 900	67.2	78.9	81.4	83.6	86.0	86.0	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.4
IV 800	67.2	79.8	82.4	84.6	87.2	87.3	87.9	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.9
IV 700	67.2	80.3	83.1	85.3	88.3	88.7	89.3	90.0	90.1	90.1	90.1	90.1	90.2	90.3	90.3	90.4
IV 600	67.2	80.8	83.8	86.1	89.2	89.6	90.3	91.2	91.3	91.3	91.3	91.3	91.4	91.6	91.6	91.7
IV 500	67.2	81.3	84.3	86.8	90.1	90.4	91.4	92.7	92.8	92.9	92.9	92.9	93.0	93.1	93.1	93.2
IV 400	67.3	81.8	84.8	87.2	91.0	91.3	92.7	93.9	94.2	94.4	94.4	94.4	94.6	94.7	94.7	94.9
IV 300	67.3	81.9	84.9	87.6	91.4	91.9	93.3	94.8	95.2	95.7	95.7	95.7	95.8	96.0	96.0	96.2
IV 200	67.3	81.9	84.9	87.6	91.4	91.9	93.6	95.1	95.8	96.3	96.3	96.3	96.4	96.8	96.8	97.0
IV 100	67.3	81.9	84.9	87.6	91.4	91.9	93.6	95.2	96.0	96.6	96.7	96.8	96.8	97.2	97.2	97.7
IV 0	67.3	81.9	84.9	87.6	91.4	91.9	93.6	95.2	96.0	96.6	96.7	96.8	96.8	97.2	97.2	98.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13923

MCCONNELL AFB KS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.0	55.0	56.1	56.3	56.3	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	53.3	59.2	60.3	60.7	60.7	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
IV 18000	53.4	59.4	60.6	60.9	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6
IV 16000	53.4	59.7	60.8	61.1	61.1	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
IV 14000	53.7	59.9	61.2	61.6	61.6	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
IV 12000	54.6	60.9	62.2	62.6	62.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
IV 10000	56.3	63.2	64.6	64.9	64.9	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
IV 9000	56.7	63.6	64.9	65.2	65.2	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
IV 8000	57.8	64.8	66.1	66.4	66.4	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
IV 7000	59.3	66.4	67.8	68.1	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
IV 6000	59.7	66.9	68.3	68.8	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
IV 5000	60.3	67.8	69.2	69.7	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
IV 4500	60.6	68.1	69.8	70.2	70.2	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
IV 4000	61.1	69.3	71.1	71.6	71.6	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
IV 3500	61.7	69.9	71.7	72.1	72.1	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
IV 3000	62.8	71.4	73.2	73.7	73.7	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
IV 2500	64.2	73.2	75.0	75.6	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
IV 2000	65.6	75.6	77.4	78.0	78.0	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 1800	66.3	76.8	78.7	79.2	79.2	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 1500	67.8	79.4	81.8	82.3	82.3	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
IV 1200	68.6	80.8	83.1	83.7	83.7	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
IV 1000	69.1	81.9	84.4	85.1	85.1	85.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
IV 900	69.2	83.2	86.1	86.9	87.3	87.7	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 800	69.2	83.9	86.8	87.7	88.3	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
IV 700	69.2	84.4	87.8	89.0	89.7	90.0	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0
IV 600	69.3	84.6	88.0	89.7	90.7	91.0	91.6	92.3	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.1
IV 500	69.3	85.0	88.4	90.2	91.4	91.8	92.7	93.8	94.4	94.7	94.8	94.8	94.8	94.9	94.9	95.0
IV 400	69.3	85.0	88.6	90.3	91.8	92.1	93.3	95.1	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.1
IV 300	69.3	85.1	88.7	90.4	91.9	92.3	93.7	95.8	97.4	98.2	98.3	98.3	98.4	98.6	98.6	98.8
IV 200	69.3	85.1	88.7	90.4	91.9	92.3	93.7	95.8	97.4	98.3	98.6	98.6	98.8	98.9	98.9	99.1
IV 100	69.3	85.1	88.7	90.4	91.9	92.3	93.7	95.8	97.4	98.3	98.6	98.6	98.9	99.1	99.3	99.9
IV 0	69.3	85.1	88.7	90.4	91.9	92.3	93.7	95.8	97.4	98.3	98.6	98.6	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3423

MCCONNELL AFB KS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	55.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	59.6	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	60.8	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	60.8	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	61.3	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	62.0	66.4	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	63.3	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9500	63.7	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	64.4	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	65.3	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	65.9	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	66.7	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	67.1	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	67.9	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	68.9	75.0	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	69.8	76.0	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	72.3	79.2	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	73.7	81.2	81.7	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	74.3	82.2	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	75.1	85.1	85.6	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	76.2	87.6	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	76.7	88.7	89.2	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3
≥ 900	76.8	89.3	90.2	90.8	91.0	91.1	91.1	91.1	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	77.2	89.9	90.9	91.6	92.1	92.2	92.3	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	77.3	90.2	91.3	92.2	93.1	93.4	93.6	93.7	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	77.3	90.3	91.6	92.7	94.0	94.4	94.9	95.2	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	77.3	90.4	91.7	92.8	94.6	95.0	95.6	96.2	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	77.3	90.4	91.9	93.1	95.1	95.7	96.3	97.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	77.3	90.4	91.9	93.1	95.1	95.7	96.3	97.3	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	77.3	90.4	91.9	93.1	95.1	95.7	96.3	97.3	98.3	99.1	99.3	99.3	99.3	99.6	99.6	99.6
≥ 100	77.3	90.4	91.9	93.1	95.1	95.7	96.3	97.3	98.3	99.1	99.3	99.3	99.3	99.6	99.6	99.6
≥ 0	77.3	90.4	91.9	93.1	95.1	95.7	96.3	97.3	98.3	99.1	99.3	99.3	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3623

MCCONNELL AFB KS

69-70,73-80

NCV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	54.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	62.0	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	62.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	62.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	63.0	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	63.9	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	65.9	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	66.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	67.4	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	67.9	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	68.0	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	68.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	69.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	70.3	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	71.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	72.6	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	74.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	75.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	76.4	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	77.1	86.9	87.6	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	77.7	88.3	89.2	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	78.1	89.9	91.2	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 900	78.1	90.4	91.9	92.4	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 800	78.2	90.7	92.6	93.6	94.0	94.0	94.1	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6
≥ 700	78.2	90.9	92.9	94.1	94.7	94.7	94.8	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	78.2	91.0	93.3	94.7	95.7	95.7	95.8	96.2	96.4	96.4	96.6	96.6	96.8	96.8	96.8	96.8
≥ 500	78.2	91.1	93.4	94.8	96.0	96.1	96.2	96.7	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8
≥ 400	78.2	91.1	93.4	94.9	96.1	96.2	96.3	96.9	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 300	78.2	91.1	93.4	94.9	96.1	96.2	96.4	97.0	98.0	98.6	99.0	99.0	99.2	99.2	99.2	99.2
≥ 200	78.2	91.1	93.4	94.9	96.1	96.2	96.4	97.0	98.0	98.6	99.2	99.2	99.8	99.8	99.8	99.8
≥ 100	78.2	91.1	93.4	94.9	96.1	96.2	96.4	97.0	98.0	98.6	99.2	99.2	99.8	99.8	99.9	100.0
≥ 0	78.2	91.1	93.4	94.9	96.1	96.2	96.4	97.0	98.0	98.6	99.2	99.2	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15523

MCCONNELL AFB KS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	63.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	66.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	67.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	67.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	67.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	68.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	69.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	69.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	70.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	70.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	70.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	71.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	72.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	73.4	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	74.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	75.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	76.9	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	77.7	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	78.3	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	78.7	87.4	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	78.9	89.0	89.6	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	78.9	90.0	90.7	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	78.9	90.8	91.6	92.2	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	79.1	91.2	92.0	93.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	79.1	91.2	92.0	93.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	79.1	91.8	92.8	94.0	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	79.1	91.8	92.9	94.3	96.0	96.0	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	79.1	91.8	92.9	94.3	96.3	96.4	97.2	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	79.1	91.8	92.9	94.3	96.4	96.7	97.6	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	79.1	91.8	92.9	94.3	96.6	96.9	97.8	97.9	98.4	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 100	79.1	91.8	92.9	94.3	96.6	96.9	97.8	97.9	98.4	99.1	99.3	99.3	99.6	99.6	99.8	100.0
≥ 0	79.1	91.8	92.9	94.3	96.6	96.9	97.8	97.9	98.4	99.1	99.3	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	62.1	64.6	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	64.8	68.0	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	64.8	68.0	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	65.1	68.3	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	65.2	68.4	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	65.6	68.9	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	67.1	70.7	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	67.3	70.9	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	68.4	72.0	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	69.7	73.2	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	70.6	74.1	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	71.3	75.7	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	73.0	77.7	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	73.3	78.4	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	74.3	79.9	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	75.0	80.8	81.1	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	75.4	81.3	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	77.2	84.0	84.3	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	77.8	84.6	84.9	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	78.1	85.2	85.7	86.3	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	78.8	87.3	87.9	88.8	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	78.9	88.6	89.1	90.0	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	78.9	89.2	90.1	91.0	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	79.0	89.6	90.6	91.4	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	79.0	89.9	90.9	91.9	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	79.1	90.4	91.6	92.8	93.7	93.9	94.1	94.2	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	79.1	90.7	91.8	93.4	94.7	95.2	95.8	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	79.1	90.9	92.0	93.8	95.2	95.9	96.8	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	79.1	91.1	92.2	94.1	95.7	96.3	97.3	97.6	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	79.1	91.1	92.2	94.1	95.7	96.3	97.3	97.7	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	79.1	91.1	92.2	94.1	95.8	96.4	97.4	97.8	97.9	98.6	99.1	99.2	99.2	99.2	99.4	99.9
≥ 0	79.1	91.1	92.2	94.1	95.8	96.4	97.4	97.8	97.9	98.6	99.1	99.2	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17923

MCCONNELL AFB KS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	55.7	59.1	59.6	59.9	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5
≥ 20000	59.5	63.7	64.3	64.6	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.3
≥ 18000	59.8	64.0	64.6	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.6
≥ 16000	59.8	64.2	64.8	65.1	65.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 14000	60.2	64.6	65.2	65.5	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1
≥ 12000	60.8	65.4	66.0	66.3	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 10000	62.4	67.3	67.9	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9
≥ 9000	62.6	67.5	68.1	68.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.1
≥ 8000	63.8	68.7	69.4	69.7	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.4
≥ 7000	64.6	69.7	70.3	70.7	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥ 6000	65.1	70.3	70.9	71.3	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 5000	66.0	71.5	72.2	72.6	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 4500	66.7	72.5	73.2	73.7	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 4000	67.3	73.7	74.4	74.9	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6
≥ 3500	68.3	74.8	75.6	76.1	76.4	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 3000	69.2	76.1	76.9	77.4	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1
≥ 2500	70.6	77.8	78.7	79.2	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 2000	71.8	80.0	80.9	81.5	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.3
≥ 1800	72.4	80.9	81.9	82.5	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.3
≥ 1500	73.4	82.8	83.9	84.5	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5
≥ 1200	74.1	84.6	85.8	86.6	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.8
≥ 1000	74.4	85.9	87.2	88.2	88.9	89.0	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.6
≥ 900	74.6	86.7	88.2	89.3	90.2	90.3	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.9
≥ 800	74.7	87.2	88.9	90.1	91.2	91.3	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9
≥ 700	74.8	87.6	89.4	90.8	92.0	92.2	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.9	93.0
≥ 600	74.8	87.9	90.0	91.7	93.1	93.3	93.6	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.5
≥ 500	74.8	88.2	90.3	92.2	93.9	94.2	94.7	95.2	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.9
≥ 400	74.8	88.3	90.5	92.4	94.4	94.7	95.4	96.1	96.6	96.9	97.0	97.1	97.1	97.1	97.2	97.3
≥ 300	74.8	88.4	90.5	92.5	94.6	95.0	95.8	96.7	97.3	97.8	97.9	97.9	98.0	98.0	98.1	98.2
≥ 200	74.8	88.4	90.6	92.5	94.7	95.1	95.9	96.8	97.6	98.2	98.5	98.5	98.7	98.8	98.8	98.9
≥ 100	74.8	88.4	90.6	92.5	94.7	95.1	96.0	96.8	97.6	98.3	98.6	98.7	99.0	99.0	99.3	99.6
≥ 0	74.8	88.4	90.6	92.5	94.7	95.1	96.0	96.8	97.6	98.3	98.7	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	59.1	64.3	65.4	65.5	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.7	66.2
≥ 20000	61.4	67.4	68.7	68.9	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.7
≥ 18000	61.9	68.2	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.4
≥ 16000	62.7	68.3	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.5
≥ 14000	62.8	69.2	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.5
≥ 12000	63.7	70.1	71.4	71.6	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.2	72.2	72.4
≥ 10000	64.8	71.3	72.6	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.5
≥ 9000	65.2	71.6	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.9
≥ 8000	66.3	72.8	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	75.1
≥ 7000	67.3	73.9	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	76.1
≥ 6000	68.1	74.7	76.0	76.2	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	77.0
≥ 5000	68.4	75.4	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.6
≥ 4500	68.9	76.2	77.5	77.7	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.5
≥ 4000	69.1	76.9	78.2	78.4	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9	79.1
≥ 3500	69.8	77.5	78.8	79.0	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.8
≥ 3000	70.0	78.4	79.7	79.9	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.6
≥ 2500	71.1	79.5	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.8
≥ 2000	72.5	81.1	82.5	82.7	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.8
≥ 1800	72.7	81.5	82.9	83.1	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.3
≥ 1500	74.3	83.8	85.2	85.4	86.0	86.0	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.8
≥ 1200	74.9	85.7	87.1	87.3	88.1	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.9
≥ 1000	75.2	86.5	88.0	88.2	89.1	89.1	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	90.1
≥ 900	75.2	87.3	88.8	89.1	90.1	90.2	90.4	90.8	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.4
≥ 800	75.3	87.6	89.1	89.5	90.5	90.6	90.9	91.2	91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.8
≥ 700	75.3	87.6	89.2	89.6	90.8	91.0	91.2	91.5	91.5	91.7	91.8	91.8	91.8	91.9	91.9	92.2
≥ 600	75.7	88.3	90.2	90.5	92.3	92.3	92.5	92.8	93.1	93.1	93.4	93.7	93.7	93.8	93.8	94.0
≥ 500	75.7	88.4	90.4	90.8	92.7	92.9	93.2	93.8	93.8	94.1	94.3	94.3	94.3	94.4	94.4	94.6
≥ 400	75.7	88.4	90.4	90.8	93.0	93.5	93.9	94.8	94.8	95.3	95.6	95.6	95.7	95.8	95.8	96.0
≥ 300	75.7	88.4	90.4	91.1	93.4	94.1	94.5	95.5	95.8	96.3	96.7	96.7	96.8	96.9	96.9	97.1
≥ 200	75.7	88.4	90.4	91.1	93.4	94.2	94.6	95.8	96.3	97.1	97.5	97.5	97.7	97.8	97.8	98.7
≥ 100	75.7	88.4	90.4	91.1	93.4	94.2	94.6	95.8	96.3	97.3	97.7	97.7	98.0	98.1	98.2	99.2
≥ 0	75.7	88.4	90.4	91.1	93.4	94.2	94.6	95.8	96.5	97.4	98.1	98.1	98.3	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	59.1	64.2	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.5	65.6	65.6
≥ 20000	61.3	67.5	68.2	68.7	68.9	68.9	69.0	69.1	69.1	69.2	69.4	69.4	69.4	69.5	69.6	69.6
≥ 18000	61.3	67.5	68.2	68.7	68.9	68.9	69.0	69.1	69.1	69.2	69.4	69.4	69.4	69.5	69.6	69.6
≥ 16000	61.5	67.7	68.4	68.9	69.1	69.1	69.2	69.4	69.4	69.5	69.6	69.6	69.6	69.7	69.8	69.8
≥ 14000	62.3	68.7	69.4	69.9	70.2	70.2	70.3	70.4	70.4	70.5	70.6	70.6	70.6	70.8	70.9	70.9
≥ 12000	62.6	69.1	69.8	70.3	70.6	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.3	71.3
≥ 10000	64.3	71.1	71.7	72.3	72.6	72.6	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.1	73.2	73.2
≥ 9000	64.4	71.2	71.8	72.4	72.7	72.7	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.2	73.3	73.3
≥ 8000	65.2	72.0	72.7	73.2	73.5	73.5	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.1	74.2	74.2
≥ 7000	65.8	72.9	73.5	74.1	74.4	74.4	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.9	75.1	75.1
≥ 6000	66.2	73.7	74.3	74.8	75.2	75.2	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.8	75.8
≥ 5000	66.7	74.3	74.9	75.5	75.8	75.8	75.9	76.0	76.0	76.1	76.2	76.2	76.2	76.3	76.5	76.5
≥ 4500	67.2	75.7	76.3	76.9	77.2	77.2	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.8	77.8
≥ 4000	67.3	76.6	77.2	77.7	78.1	78.1	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.7	78.7
≥ 3500	68.3	77.7	78.5	79.0	79.4	79.4	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.1	80.1
≥ 3000	68.7	78.2	78.9	79.5	79.8	79.8	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.4	80.5	80.5
≥ 2500	69.5	78.9	80.1	80.6	81.4	81.4	81.6	81.7	81.7	81.8	81.9	81.9	81.9	82.0	82.2	82.2
≥ 2000	70.4	80.3	81.6	82.2	83.2	83.2	83.4	83.5	83.5	83.7	83.8	83.8	83.8	83.9	84.0	84.0
≥ 1800	70.5	81.0	82.3	82.8	83.9	83.9	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.5	84.6	84.6
≥ 1500	72.2	82.9	84.2	84.7	85.9	85.9	86.2	86.3	86.3	86.5	86.6	86.6	86.6	86.7	86.8	86.8
≥ 1200	72.3	83.7	85.1	85.6	86.9	87.0	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.8	88.0	88.0
≥ 1000	72.7	84.5	85.9	86.6	88.0	88.1	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.9	89.0	89.0
≥ 900	72.7	84.7	86.3	87.2	88.6	88.7	89.0	89.2	89.2	89.4	89.5	89.5	89.5	89.6	89.7	89.7
≥ 800	72.7	85.2	87.0	87.8	89.5	89.6	90.1	90.3	90.3	90.4	90.5	90.5	90.5	90.6	90.8	90.8
≥ 700	72.7	85.6	87.5	88.5	90.2	90.3	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.5	91.5
≥ 600	72.7	85.8	88.1	89.1	91.0	91.1	91.7	91.9	91.9	92.0	92.2	92.2	92.2	92.3	92.4	92.4
≥ 500	72.7	86.0	88.4	89.5	91.5	91.7	92.5	92.7	92.7	92.9	93.0	93.0	93.0	93.1	93.2	93.2
≥ 400	72.7	86.0	88.4	90.1	92.2	92.5	93.5	94.1	94.6	94.9	95.1	95.1	95.1	95.2	95.3	95.3
≥ 300	72.7	86.0	88.4	90.1	92.4	93.0	94.6	95.3	96.1	96.6	96.7	96.7	96.7	96.8	96.9	96.9
≥ 200	72.7	86.0	88.4	90.1	92.4	93.0	94.7	95.5	96.6	97.0	97.1	97.1	97.2	97.3	97.5	97.7
≥ 100	72.7	86.0	88.4	90.1	92.4	93.0	94.8	95.6	96.8	97.2	97.6	97.6	97.7	97.8	98.5	99.0
≥ 0	72.7	86.0	88.4	90.1	92.4	93.0	94.8	95.6	96.8	97.2	97.7	97.7	98.0	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	52.8	58.1	58.6	59.0	59.1	59.2	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7
≥ 20000	57.0	63.0	63.7	64.2	64.3	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9
≥ 18000	57.2	63.2	63.9	64.4	64.5	64.6	64.7	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 16000	57.3	63.3	64.0	64.5	64.6	64.7	64.8	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 14000	57.8	64.1	64.7	65.3	65.4	65.5	65.6	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 12000	58.2	64.6	65.3	65.8	65.9	66.0	66.1	66.3	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 10000	59.5	66.3	67.0	67.5	67.8	68.0	68.1	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 9000	59.6	66.5	67.1	67.6	68.0	68.1	68.2	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6
≥ 8000	60.0	67.2	67.8	68.5	68.8	68.9	69.0	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5
≥ 7000	60.4	67.8	68.5	69.1	69.6	69.7	69.8	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3
≥ 6000	60.8	68.3	68.9	69.7	70.2	70.3	70.4	70.6	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0
≥ 5000	61.5	69.5	70.1	70.9	71.4	71.5	71.6	71.8	71.8	71.9	72.0	72.0	72.2	72.2	72.2	72.2
≥ 4500	61.5	69.6	70.2	71.0	71.5	71.6	71.7	71.9	71.9	72.0	72.2	72.2	72.3	72.3	72.3	72.3
≥ 4000	62.4	71.3	71.9	72.7	73.2	73.3	73.4	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0
≥ 3500	63.2	72.6	73.3	74.1	74.6	74.7	74.8	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4
≥ 3000	63.5	73.1	73.9	74.6	75.2	75.3	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9
≥ 2500	64.9	74.7	75.6	76.3	76.9	77.0	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6
≥ 2000	65.7	75.8	76.8	77.5	78.2	78.3	78.4	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9
≥ 1800	66.1	76.2	77.2	78.0	78.6	78.7	78.8	79.0	79.1	79.1	79.2	79.2	79.4	79.4	79.4	79.4
≥ 1500	67.2	77.5	78.5	79.4	80.2	80.3	80.4	80.6	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0
≥ 1200	67.7	78.5	79.5	80.4	81.4	81.5	81.6	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.2
≥ 1000	68.4	80.3	81.3	82.3	83.2	83.3	83.8	84.1	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7
≥ 900	68.7	81.2	82.3	83.3	84.3	84.4	84.8	85.3	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
≥ 800	69.0	82.4	83.5	84.6	85.7	85.9	86.3	86.9	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
≥ 700	69.1	82.8	84.1	85.5	86.7	87.0	87.4	88.0	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.0
≥ 600	69.1	83.1	84.8	86.5	88.2	88.6	89.1	89.7	90.1	90.5	90.6	90.6	90.8	90.9	90.9	90.9
≥ 500	69.1	83.2	85.3	86.9	88.8	89.4	90.2	90.8	91.3	91.7	91.8	91.8	92.0	92.2	92.2	92.2
≥ 400	69.1	83.2	85.3	87.0	89.2	90.0	90.9	92.0	92.8	93.3	93.4	93.4	93.7	93.8	93.8	93.8
≥ 300	69.1	83.2	85.3	87.2	89.5	90.4	91.6	93.4	94.3	95.5	95.6	95.6	95.8	95.9	96.0	96.0
≥ 200	69.1	83.2	85.3	87.2	89.5	90.5	91.8	93.7	94.8	96.0	96.1	96.1	96.6	96.9	97.2	97.2
≥ 100	69.1	83.2	85.3	87.2	89.5	90.5	91.8	93.7	94.9	96.1	96.5	96.7	97.2	97.7	98.9	99.4
≥ 0	69.1	83.2	85.3	87.2	89.5	90.5	91.8	93.7	94.9	96.1	96.5	96.7	97.2	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19623

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	50.5	54.8	55.3	55.5	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0
≥ 20000	56.5	61.4	61.8	62.2	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.9
≥ 18000	56.7	61.6	62.0	62.4	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.2
≥ 16000	56.9	61.8	62.3	62.6	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.4
≥ 14000	57.8	63.0	63.4	63.8	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.6
≥ 12000	58.2	63.5	64.0	64.4	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3
≥ 10000	59.4	65.3	65.7	66.1	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.0
≥ 9000	59.8	65.7	66.1	66.6	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4
≥ 8000	60.6	67.6	68.1	68.5	69.0	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.6
≥ 7000	61.2	68.5	68.9	69.4	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.4
≥ 6000	61.9	69.4	69.8	70.2	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.3
≥ 5000	62.6	70.3	70.8	71.2	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.6
≥ 4500	62.6	70.5	71.0	71.4	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8
≥ 4000	63.1	71.6	72.0	72.5	73.2	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9
≥ 3500	63.3	72.0	72.5	72.9	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 3000	63.3	72.2	72.6	73.0	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
≥ 2500	64.7	73.8	74.2	74.6	75.4	75.6	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.1
≥ 2000	66.0	75.4	75.9	76.3	77.1	77.3	77.4	77.5	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.1
≥ 1800	66.3	75.9	76.5	77.0	77.7	78.0	78.1	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.8
≥ 1500	67.6	78.0	78.6	79.4	80.3	80.6	80.8	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.5
≥ 1200	68.3	79.6	80.3	81.1	82.3	82.6	82.8	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.5
≥ 1000	68.6	80.8	81.6	82.4	83.5	84.0	84.3	84.5	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.2
≥ 900	68.9	81.8	82.7	83.7	84.8	85.3	85.6	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.5
≥ 800	69.2	82.7	83.8	84.9	86.1	86.7	87.0	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.8	88.0
≥ 700	69.2	83.1	84.3	85.5	87.0	87.7	88.2	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.4
≥ 600	69.2	83.2	84.5	86.1	87.6	88.6	89.1	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.6
≥ 500	69.2	83.4	84.7	86.6	88.2	89.4	90.2	91.4	92.3	92.5	92.6	92.7	92.9	92.9	93.0	93.1
≥ 400	69.2	83.7	85.1	87.2	89.0	90.2	91.5	93.1	94.2	94.4	94.5	94.6	94.8	94.8	94.9	95.1
≥ 300	69.2	83.7	85.1	87.2	89.4	90.6	91.9	94.0	95.3	96.0	96.3	96.7	97.0	97.1	97.3	97.4
≥ 200	69.2	83.7	85.1	87.2	89.5	90.8	92.2	94.3	95.8	96.6	97.1	97.4	97.7	97.8	98.3	98.4
≥ 100	69.2	83.7	85.1	87.2	89.5	90.8	92.2	94.3	95.8	96.7	97.2	97.5	98.0	98.3	99.1	99.5
≥ 0	69.2	83.7	85.1	87.2	89.5	90.8	92.2	94.3	95.8	96.7	97.2	97.5	98.0	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13023

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	55.7	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	61.4	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	61.9	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	62.2	67.1	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	62.7	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	63.4	69.1	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	64.5	71.0	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	64.6	71.1	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	65.4	72.2	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	65.9	72.8	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	66.1	73.3	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	66.6	73.9	74.2	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	66.6	73.9	74.2	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	67.0	74.6	75.1	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	67.4	75.3	75.7	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	67.8	76.0	76.5	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	68.7	77.6	78.4	78.6	79.0	79.0	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	69.8	79.7	80.5	81.0	81.4	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	70.2	80.4	81.4	81.8	82.3	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	71.5	83.4	84.7	85.2	85.8	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	72.4	84.6	85.9	86.3	87.3	87.4	87.5	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	72.5	84.9	86.5	87.0	88.5	88.6	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	72.6	85.8	87.7	88.6	90.3	90.5	90.8	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 800	72.7	86.3	88.5	89.4	91.2	91.4	91.8	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	72.8	86.7	88.9	90.0	92.2	92.6	93.0	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	72.8	86.8	89.4	90.5	92.8	93.3	94.1	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	72.8	86.8	89.4	90.8	93.2	94.1	95.1	96.0	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	72.8	87.0	89.7	91.1	93.5	94.4	95.7	96.8	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	72.8	87.0	89.7	91.1	93.8	94.6	95.9	97.2	97.5	97.8	98.3	98.5	98.6	98.6	98.6	98.6
≥ 200	72.8	87.0	89.7	91.1	93.8	94.6	96.0	97.3	97.6	98.1	98.7	98.9	99.5	99.5	99.5	99.5
≥ 100	72.8	87.0	89.7	91.1	93.8	94.6	96.0	97.3	97.6	98.1	98.7	98.9	99.7	99.8	99.8	99.8
≥ 0	72.8	87.0	89.7	91.1	93.8	94.6	96.0	97.3	97.6	98.1	98.7	98.9	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17923

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	59.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	63.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	63.5	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	63.5	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	64.1	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	66.1	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	67.4	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	67.6	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	69.2	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	68.7	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	68.8	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	69.7	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	69.7	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	70.3	78.1	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	70.5	78.7	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	70.8	79.0	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	71.6	80.4	81.0	81.1	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	72.7	82.6	83.3	83.4	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	73.0	83.4	84.3	84.4	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	73.4	84.8	85.9	86.0	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	73.9	85.7	87.0	87.2	88.0	88.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	73.9	86.0	87.6	88.4	89.4	89.7	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	73.9	86.7	88.3	89.1	90.5	90.9	91.8	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	73.9	87.0	88.9	89.9	91.4	91.7	92.8	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	73.9	87.0	89.6	90.9	92.6	92.9	94.0	94.6	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	73.9	87.0	89.7	91.1	93.0	93.4	94.7	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	73.9	87.0	89.8	91.3	93.2	93.9	95.9	96.8	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	73.9	87.1	90.0	91.5	93.8	94.5	97.2	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	73.9	87.1	90.0	91.5	93.8	94.6	97.4	98.5	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	73.9	87.1	90.0	91.5	93.8	94.6	97.4	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.9	87.1	90.0	91.5	93.8	94.6	97.4	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.9	87.1	90.0	91.5	93.8	94.6	97.4	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-16-1 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7923

MCCONNELL AFB KS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	61.2	65.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥20000	64.8	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥18000	64.8	71.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥16000	65.2	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥14000	66.0	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥12000	67.3	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥10000	68.9	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥9000	69.0	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥8000	69.4	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥7000	69.7	76.4	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥6000	69.8	77.0	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥5000	69.8	77.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥4500	69.8	77.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥4000	69.9	78.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥3500	70.2	78.7	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥3000	70.7	79.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥2500	71.7	80.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7
≥2000	72.8	82.4	83.8	83.9	84.3	84.4	84.4	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥1800	72.9	82.6	84.1	84.3	84.6	84.7	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥1500	73.4	83.4	84.9	85.0	85.8	86.0	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥1200	73.9	86.1	87.9	88.1	88.9	89.1	89.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥1000	73.9	86.9	88.9	89.4	90.4	90.7	90.7	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥900	74.0	87.3	89.2	90.1	91.0	91.5	91.5	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥800	74.1	87.6	89.9	91.0	92.1	92.6	92.8	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥700	74.1	87.8	90.2	91.6	92.7	93.1	93.4	93.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥600	74.1	87.8	90.4	91.9	93.0	93.5	94.1	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥500	74.1	88.0	90.8	92.4	93.6	94.3	95.3	95.8	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥400	74.1	88.6	91.5	93.1	94.3	95.6	96.5	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥300	74.1	88.6	91.5	93.5	94.8	96.1	97.2	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥200	74.1	88.6	91.5	93.5	94.8	96.1	97.3	98.0	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥100	74.1	88.6	91.5	93.5	94.9	96.2	97.4	98.1	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥0	74.1	88.6	91.5	93.5	94.9	96.2	97.4	98.1	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13423

MCCONNELL AFB KS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	62.1	66.0	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	64.7	70.6	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	64.9	70.8	71.5	71.5	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	65.5	71.3	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	66.0	71.8	72.6	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	66.8	72.6	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	69.0	75.1	75.8	75.8	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	69.1	75.2	75.9	75.9	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	69.6	75.6	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	69.8	76.1	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	70.0	76.3	77.0	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	70.2	77.0	77.8	77.8	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	70.4	77.3	78.1	78.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	70.7	77.7	78.4	78.4	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	71.1	78.2	79.0	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	71.4	79.2	79.9	80.2	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	72.6	80.8	81.7	81.9	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	73.2	81.4	82.3	82.5	82.8	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	73.2	81.7	82.5	82.7	83.2	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	75.4	84.1	85.0	85.2	85.9	85.9	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	76.1	85.5	86.4	86.6	87.4	87.4	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	76.6	86.7	87.8	88.1	88.9	88.9	89.4	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	76.7	86.9	88.1	88.5	89.2	89.2	89.8	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800	76.8	87.9	89.1	89.4	90.5	90.5	91.0	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	77.0	88.5	89.8	90.1	91.4	91.4	92.0	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	77.0	88.6	90.0	90.4	91.8	91.8	92.6	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	77.1	88.7	90.4	90.8	92.3	92.3	93.1	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	77.1	89.0	90.8	91.4	93.1	93.5	94.4	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 300	77.1	89.0	90.8	91.6	93.5	94.2	95.0	96.0	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	77.1	89.0	90.8	91.6	93.5	94.6	95.8	97.0	97.4	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.7
≥ 100	77.1	89.0	90.8	91.6	93.5	94.6	95.8	97.0	97.4	98.0	98.3	98.3	98.6	98.7	98.7	99.0	99.0
0	77.1	89.0	90.8	91.6	93.5	94.6	95.8	97.0	97.4	98.0	98.3	98.3	98.6	98.9	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1923

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.5	62.1	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2
≥ 20000	61.3	66.9	67.5	67.7	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
IV 18000	61.5	67.3	67.9	68.1	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6
IV 16000	61.8	67.5	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8
IV 14000	62.4	68.3	69.3	69.2	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7
IV 12000	63.3	69.3	70.0	70.2	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
IV 10000	64.7	71.1	71.8	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5
IV 9000	64.9	71.3	72.3	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
IV 8000	65.6	72.2	72.9	73.1	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7
IV 7000	66.1	73.0	73.6	73.9	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.5
IV 6000	66.5	73.6	74.2	74.5	74.7	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1
IV 5000	66.9	74.4	75.1	75.4	75.7	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1
IV 4500	67.1	74.7	75.5	75.7	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4
IV 4000	67.5	75.6	76.4	76.6	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
IV 3500	68.0	76.4	77.1	77.4	77.8	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2
IV 3000	68.3	77.0	77.8	78.1	78.4	78.4	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8
IV 2500	69.4	78.3	79.2	79.6	80.0	80.0	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
IV 2000	70.4	79.8	80.8	81.2	81.7	81.8	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4
IV 1800	70.6	80.3	81.4	81.8	82.3	82.4	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0
IV 1500	71.9	82.2	83.4	83.8	84.6	84.7	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3
IV 1200	72.4	83.7	84.9	85.3	86.3	86.4	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2
IV 1000	72.7	84.6	85.9	86.5	87.6	87.8	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8
IV 900	72.8	85.2	86.7	87.4	88.6	88.8	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 800	73.3	85.8	87.5	88.3	89.6	89.9	90.3	90.7	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.3
IV 700	73.0	86.1	87.9	88.9	90.4	90.7	91.3	91.7	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3
IV 600	73.1	86.3	88.4	89.5	91.2	91.6	92.3	92.8	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.5
IV 500	73.1	86.4	88.6	89.9	91.7	92.2	93.2	93.9	94.3	94.5	94.6	94.7	94.7	94.8	94.8	94.8
IV 400	73.1	86.6	88.9	90.3	92.3	93.0	94.2	95.2	95.7	96.0	96.2	96.2	96.3	96.3	96.3	96.4
IV 300	73.1	86.6	88.9	90.4	92.6	93.5	94.8	96.0	96.7	97.2	97.5	97.5	97.6	97.7	97.7	97.8
IV 200	73.1	86.6	88.9	90.4	92.6	93.6	95.0	96.2	97.1	97.8	98.1	98.1	98.4	98.5	98.6	98.8
IV 100	73.1	86.6	88.9	90.4	92.6	93.6	95.0	96.3	97.1	97.8	98.2	98.3	98.6	98.8	99.1	99.5
IV 0	73.1	86.6	88.9	90.4	92.6	93.6	95.0	96.3	97.2	97.9	98.3	98.4	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3923

MCCONNELL AFB KS

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	57.6	62.1	62.7	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4
≥ 20000	62.7	67.9	68.6	68.9	69.1	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
≥ 18000	63.2	68.3	68.9	69.2	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 16000	63.2	68.6	69.2	69.5	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	63.8	69.3	69.9	70.2	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
IV 12000	64.9	70.6	71.2	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 10000	66.9	73.0	73.7	74.0	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
IV 9000	67.2	73.3	74.0	74.4	74.6	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 8000	68.4	74.9	75.7	76.0	76.3	76.3	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7
IV 7000	69.1	75.8	76.6	76.9	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6
≥ 6000	69.7	76.6	77.4	77.8	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
IV 5000	70.7	78.1	78.9	79.3	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
≥ 4500	71.1	78.6	79.5	79.9	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
IV 4000	71.8	79.8	80.7	81.2	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 3500	72.4	80.6	81.6	82.1	82.4	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
IV 3000	73.0	81.7	82.8	83.3	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2
≥ 2500	73.9	83.1	84.2	84.8	85.2	85.3	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8
IV 2000	74.7	84.5	85.7	86.3	86.8	86.9	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1800	75.0	85.0	86.3	86.9	87.4	87.5	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1
IV 1500	75.7	86.4	87.8	88.5	89.1	89.3	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9
≥ 1200	76.1	87.5	89.0	89.9	90.5	90.7	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4
IV 1000	76.4	88.4	90.1	91.1	91.8	92.0	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.9
≥ 900	76.5	88.9	90.7	91.7	92.5	92.8	93.1	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7
IV 800	76.6	89.3	91.2	92.3	93.2	93.5	93.9	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	76.7	89.6	91.6	92.8	93.9	94.2	94.6	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
IV 600	76.8	89.9	92.0	93.4	94.5	94.9	95.4	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3
≥ 500	76.8	90.1	92.3	93.7	95.0	95.5	96.1	96.6	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3
IV 400	76.8	90.1	92.4	94.0	95.4	95.9	96.7	97.3	97.6	97.8	98.0	98.0	98.0	98.1	98.1	98.1
≥ 300	76.8	90.2	92.5	94.0	95.6	96.1	97.0	97.7	98.1	98.4	98.6	98.6	98.7	98.7	98.8	98.9
IV 200	76.8	90.2	92.5	94.1	95.6	96.1	97.0	97.8	98.2	98.7	98.9	99.0	99.1	99.2	99.3	99.4
≥ 100	76.8	90.2	92.5	94.1	95.6	96.2	97.0	97.8	98.3	98.8	99.0	99.1	99.3	99.4	99.6	99.8
IV 0	76.8	90.2	92.5	94.1	95.6	96.2	97.0	97.8	98.3	98.8	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87612

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

- 1/10 and 4/10 into the 3/10 (scattered) category
- 5/10, 6/10 and 8/10 into the 9/10 (broken) category
- 0/10 is the clear category
- 10/10 is the overcast category

SKY COVER

JAN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	35.8			18.8						10.6	34.9	5.0	928
	03-05	39.1			15.7						8.2	37.0	4.9	926
	06-08	29.0			20.2						10.8	40.0	5.6	925
	09-11	21.4			21.8						15.6	41.3	6.2	926
	12-14	18.1			21.5						16.3	44.1	6.5	930
	15-17	15.8			22.0						19.6	42.6	6.7	930
	18-20	20.4			25.6						15.1	38.9	6.0	930
	21-23	33.2			17.1						13.4	36.2	5.3	930
TOTALS		26.6			20.3						13.7	39.4	5.8	7425

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

41

1

FEB

MUNTA

1

1

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

45

•

MAR

MONTH

1

1

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SKY COVER

03923 MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	40.8			18.6						11.2	29.4	4.5	899
	03-05	37.0			19.1						12.3	31.5	4.8	894
	06-08	24.2			24.7						18.3	32.8	5.7	897
	09-11	21.8			22.7						19.3	36.2	6.0	900
	12-14	16.9			26.9						20.6	35.6	6.2	899
	15-17	14.7			27.8						22.8	34.7	6.4	896
	18-20	17.9			31.2						21.2	29.7	5.8	897
	21-23	35.2			22.1						15.1	27.6	4.8	897
TOTALS		26.1			24.1						17.6	32.2	5.5	7179

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

13

MAY

MONTH

7

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	32.7			21.3						14.2	31.8	5.1	929
	03-05	26.6			25.5						15.5	32.5	5.4	930
	06-08	14.9			24.4						24.1	36.7	6.6	927
	09-11	14.2			24.3						28.1	33.4	6.6	930
	12-14	11.5			29.8						29.2	29.5	6.5	930
	15-17	10.1			34.8						29.0	26.0	6.3	930
	18-20	14.1			36.8						23.8	25.2	5.8	927
	21-23	30.5			26.2						15.7	27.5	5.0	927
TOTALS		19.3			27.9						22.5	30.3	5.9	7430

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

164

1

JUN

MONTH

1

1

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03923 MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	44.9			23.9						15.6	10.6	3.3	923
	03-05	38.2			29.3						18.2	14.3	3.9	923
	06-08	21.0			39.1						22.7	17.2	4.9	924
	09-11	23.4			41.7						21.3	13.5	4.5	930
	12-14	12.8			52.4						24.5	10.3	4.8	930
	15-17	12.3			55.3						22.8	9.7	4.7	930
	18-20	21.4			48.1						21.7	8.8	4.3	925
	21-23	33.4			39.9						14.9	11.7	3.7	924
TOTALS		25.9			41.8						20.2	12.0	4.3	7409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13923 MCCONNELL AFB KS

69-70,73-80

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	44.7			27.6						12.3	15.4	3.5	930
	03-05	41.3			27.2						14.7	16.8	3.8	930
	06-08	19.8			36.5						23.6	20.1	5.2	929
	09-11	24.2			34.8						23.5	17.4	4.9	930
	12-14	18.1			42.3						25.3	14.4	5.0	930
	15-17	13.0			51.7						25.3	10.0	4.8	930
	18-20	21.6			45.1						22.9	10.4	4.5	930
	21-23	36.3			36.9						14.8	11.9	3.6	930
TOTALS		27.4			37.8						20.3	14.6	4.4	7439

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

69-70, 73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	39.5			23.7						11.8	25.0	4.3	893
	03-05	38.6			23.3						11.3	26.7	4.4	891
	06-08	21.3			27.0						19.8	31.9	5.8	890
	09-11	23.5			27.1						19.3	30.1	5.6	897
	12-14	18.0			32.9						23.8	25.3	5.7	900
	15-17	17.0			31.2						29.7	22.1	5.8	900
	18-20	22.9			31.1						25.4	20.6	5.3	898
	21-23	37.0			27.0						16.0	19.9	4.2	899
TOTALS		27.2			27.9						19.6	25.2	5.1	7168

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03923 MCCONNELL AFB KS

69-70,73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	50.1			16.4						9.1	24.4	3.8	929
	03-05	47.5			15.6						11.0	25.9	4.0	926
	06-08	31.1			24.2						16.0	28.7	5.0	919
	09-11	27.1			26.4						16.1	30.4	5.3	929
	12-14	27.2			28.1						20.1	24.6	5.1	930
	15-17	30.5			26.3						19.5	23.7	4.9	930
	18-20	35.2			28.2						14.3	22.4	4.4	930
	21-23	46.7			20.2						9.2	23.9	3.8	930
TOTALS		36.9			23.2						14.4	25.5	4.5	7423

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

NOV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	41.4			14.9						13.1	30.6	4.7	899
	03-05	40.3			16.2						11.7	31.8	4.7	896
	06-08	29.7			21.5						14.3	34.6	5.4	897
	09-11	22.8			24.0						17.4	35.8	5.9	900
	12-14	19.2			27.4						20.0	33.4	6.0	899
	15-17	17.4			27.4						23.2	31.9	6.1	900
	18-20	28.6			28.0						16.0	27.4	5.3	900
	21-23	39.8			18.6						13.0	28.7	4.6	900
TOTALS		29.9			22.3						16.1	31.8	5.3	7191

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

4

DEC

MONTH

1

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SKY COVER

03923 MCCONNELL AFB KS

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	26.6			20.3						13.7	39.4	5.8	7425
FEB		27.4			23.1						13.8	35.7	5.5	6744
MAR		23.7			19.9						14.6	41.7	6.1	7432
APR		26.1			24.1						17.6	32.2	5.5	7179
MAY		19.3			27.9						22.5	30.3	5.9	7430
JUN		23.5			35.8						20.4	20.3	4.9	7194
JUL		25.9			41.8						20.2	12.0	4.3	7409
AUG		27.4			37.8						20.3	14.6	4.4	7439
SEP		27.2			27.9						19.6	25.2	5.1	7168
OCT		36.9			23.2						14.4	25.5	4.5	7423
NOV		29.9			22.3						16.1	31.8	5.3	7191
DEC		30.8			22.0						14.0	33.2	5.2	7421
TOTALS		27.1			27.2						17.3	28.5	5.2	87455

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

CLIMATE BRANCH

MAC

FATHER SERVICE/MAC

STATION 2 MCCONNELL AFB KS STATION NAME

DAILY TEMPERATURES

53-51

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1							.2	.1					.1
2						.5	4.3	2.9					.6
3					.1	3.2	16.2	12.9	2.0				2.9
4				.1	.9	13.7	42.5	32.1	10.0	.2			8.2
5				1.0	5.1	35.4	65.7	57.6	21.9	3.3			15.7
6			.3	4.6	16.7	59.4	81.2	79.1	38.4	10.6			24.2
7		.6	3.2	14.5	37.3	79.3	93.5	91.6	57.0	22.3	.2	.1	33.1
8		1.5	8.3	28.5	59.1	91.9	98.3	96.9	75.2	39.7	2.5		41.8
9	.6	4.2	16.0	46.8	78.0	97.3	99.5	99.2	87.4	57.0	11.2	.3	49.0
10	1.5	11.0	27.4	63.6	88.8	99.3	100.0	100.0	94.2	71.7	24.3	3.2	56.0
11	5.1	18.5	40.6	77.9	96.1	99.9			98.1	84.3	37.4	10.7	63.8
12	12.5	28.1	52.6	89.0	98.5	100.0			99.5	92.1	51.6	21.0	79.2
13	25.0	38.9	65.7	94.6	99.8				100.0	96.3	66.3	34.4	76.6
14	39.4	51.8	77.1	98.2	100.0					99.3	79.5	50.6	82.0
15	62.0	64.7	85.6	99.2						99.8	89.6	67.6	88.1
16	64.3	75.8	92.3	99.8						99.9	98.1	80.0	92.2
17	74.7	86.5	97.1	99.9						100.0	98.6	87.9	95.3
18	84.3	92.7	99.2	100.0							99.6	94.4	97.5
19	90.6	98.0	99.5								100.0	97.5	98.2
20	95.2	99.7	99.9									99.0	99.5
21	98.2	99.9	100.0									100.0	99.8
22	99.7	100.0											100.0
23	100.0												100.0
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	39.1	45.5	55.3	67.9	76.0	85.7	92.1	90.6	81.1	70.9	54.8	44.4	67.3
S D	13.55	14.18	13.85	10.74	8.93	7.97	7.93	7.78	9.94	11.00	11.75	11.89	21.10
TOTAL OBS	564	791	968	840	568	311	237	837	810	837	810	868	10044

2

CLIMATE CLIMATOLOGY RANCH
 100 TAC
 100 TATHER SERVICE/MAC
 100 200 MCCONNELL AFB KS
 STATION STATION NAME

DAILY TEMPERATURES

53-01

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
10							.1	.1					.2
11						.1	3.5	2.2					.5
12						5.5	22.9	15.5	1.6	.1			3.8
13					2.3	23.5	61.3	46.2	15.8	1.6			12.5
14			.1	1.4	12.6	54.8	87.8	76.4	36.6	4.3			22.8
15			.3	7.6	35.9	81.7	96.5	94.5	55.6	14.3	.9		32.0
16		.3	2.6	21.3	57.3	95.4	99.5	99.0	76.3	27.1	3.7	.1	40.0
17	.3	1.0	7.7	39.5	78.7	99.8	100.0	100.0	91.4	48.9	7.7	.9	47.7
18	1.0	2.1	15.4	58.6	92.3	100.0			97.9	69.4	17.9	2.3	54.5
19	3.3	7.7	29.4	77.7	98.4				99.8	86.0	32.3	5.9	61.3
20	7.4	18.7	47.7	89.6	99.7				100.0	95.9	52.6	16.0	68.6
21	11.4	24.8	56.8	93.9	99.9					97.6	62.7	23.7	72.4
22	23.3	37.3	69.5	97.1	100.0					99.2	75.6	39.9	76.5
23	40.7	55.9	83.2	99.4						99.9	89.1	61.8	85.7
24	57.8	72.8	91.7	99.9						100.0	95.2	77.5	91.2
25	70.4	86.3	97.0	100.0							98.3	88.4	95.0
26	81.9	92.5	98.6								99.1	94.7	97.2
27	91.5	97.1	99.4								100.0	98.0	98.8
28	95.7	99.2	100.0									99.5	99.6
29	99.2	100.0										100.0	99.9
30	99.9												100.0
31	100.0												100.0
32													
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100													
MEAN	23.7	25.5	34.1	46.5	55.9	65.1	70.5	68.8	60.8	49.2	33.6	26.2	46.6
S D	11.055	10.237	10.383	7.082	7.568	5.925	5.261	5.612	7.913	9.044	9.646	9.462	19.161
TOTAL OBS	368	791	358	440	368	810	837	837	810	837	810	868	10044

U. S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/HAC
 STATION 21 MCCONNELL AFB TX
 STATION NAME

DAILY TEMPERATURES

53-31

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

M. AN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
2							.1						.0
3							1.4	.5					.2
4						1.0	8.2	5.5	.1				1.2
5					.1	8.0	34.1	24.3	4.4	.1			5.9
6				.2	2.4	29.1	63.9	53.2	18.5	1.0			13.9
7				1.7	13.7	59.3	85.5	80.9	36.3	5.9			23.4
8			.6	9.8	36.9	82.3	96.8	94.9	57.4	17.2			32.7
9		.1	4.0	23.8	60.5	95.2	99.6	98.8	77.9	33.6	1.9		41.0
10	.2	1.4	10.4	42.5	78.8	99.0	100.0	100.0	91.7	54.4	8.5	.1	48.7
11	1.0	4.7	21.5	64.0	93.2	100.0			97.2	73.2	13.0	2.2	56.1
12	3.0	11.9	34.2	80.1	98.0				99.9	87.1	34.3	6.7	62.7
13	9.3	24.8	52.1	91.4	99.8				100.0	95.5	52.8	18.1	70.1
14	22.6	37.4	69.9	97.1	100.0					98.8	71.4	36.3	77.6
15	41.1	54.4	82.6	99.3						99.3	86.5	57.6	85.0
16	57.1	71.4	91.2	99.8						99.9	95.4	76.0	90.8
17	69.8	82.9	95.6	99.9						100.0	97.5	85.3	94.2
18	73.8	90.9	98.3	100.0							99.4	92.4	96.6
19	83.5	96.1	99.5								99.9	96.9	98.4
20	95.0	99.4	99.9								100.0	99.0	99.4
21	98.3	100.0	100.0									100.0	99.0
22	99.8												100.0
23	100.0												100.0
24													
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MEAN	31.2	35.7	44.9	57.5	66.2	75.3	81.5	79.9	71.2	60.3	45.4	35.6	57.0
S.D.	11.761	11.535	11.234	9.115	7.625	6.414	6.213	6.205	8.312	9.204	9.954	9.996	14.798
TOTAL OBS	365	291	868	840	868	810	837	837	510	837	510	868	10044

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17423 MCCONNELL AFB KS
STATION STATION NAME

53-P1

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC	ALL MONTHS
53												59	
54	67	83	79	90	87	104	114	106	104	96	77	65	114
55	64	65	86	91	92	91	102	101	98	86	77	81	102
56	63	80	87	94	98	105	104	107	101	90	77	67	107
57	56	68	75	77	83	96	102	102	95	85	74	63	102
58	57	68	57	82	94	99	100	100	95	89	75	62	100
59	51	64	80	91	89	102	97	102	96	78	77	63	102
60	56	62	80	85	89	103	101	99	92	88	73	64	103
61	55	69	76	87	88	98	100	101	96	82	66	64	101
62	58	79	79	83	100	95	102	105	97	90	70	64	109
63	59	70	84	89	93	98	104	108	92	93	76	62	108
64	71	57	74	83	99	101	105	107	98	85	77	57	107
65	69	68	76	85	87	94	100	98	92	92	75	66	100
66	63	61	83	82	91	95	105	104	91	90	76	74	105
67	74	72	88	87	99	92	96	100	89	88	70	61	100
68	66	61	81	84	90	97	103	109	92	89	72	60	109
69	55	69	74	82	90	99	103	107	95	89	72	64	107
70	63	78	75	89	88	100	106	106	102	83	71	69	106
71	70	65	78	84	90	99	104	96	101	89	72	61	104
72	56	82	82	97	89	98	102	99	96	89	67	67	102
73	63	62	72	78	86	103	99	103	92	86	73	66	103
74	58	68	86	77	91	105	107	100	90	81	69	58	107
75	55	55	75	82	85	92	100	101	99	93	77	73	101
76	57	84	86	86	85	97	101	105	101	90	71	66	105
77	56	74	79	83	86	97	104	98	92	87	70	67	104
78	57	49	86	84	88	99	106	103	103	92	79	66	106
79	45	61	80	81	86	96	101	100	95	94	68	63	101
80	60	65	68	85	90	108	110	110	100	93	82	65	110
81	73	79	79	90	83								
MEAN	62.3	68.5	78.8	85.3	89.9	98.6	102.9	102.9	96.1	88.4	73.4	64.9	104.5
S.D.	6.577	8.876	6.575	4.829	4.656	4.291	3.766	3.749	4.242	4.209	3.916	4.991	3.457
TOTAL OBS	868	791	868	840	868	810	837	837	810	837	810	868	10044

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

07023 MCCONNELL AFB KS
STATION STATION NAME

53-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53												7	
54		16	13	29	32	48	67	64	50	31	20	16	0
55	11	3	2	35	50	50	67	60	51	32	9	5	3
56	5	6	10	31	46	52	65	52	46	41	15	15	9
57	2	14	19	24	42	55	63	63	50	26	24	10	2
58	6	7	18	35	45	50	60	55	43	35	15	8	6
59	-11	2	22	30	44	55	56	62	45	30	9	23	-11
60	5	5	0	33	34	55	58	60	49	30	20	12	0
61	4	10	28	32	38	53	57	53	43	37	24	-2	-2
62	-10	2	3	22	44	57	59	58	46	36	25	-2	-10
63	-7	11	23	37	35	59	66	58	45	35	24	1	-7
64	-1	13	15	28	45	51	60	53	41	30	9	2	-1
65	10	1	13	35	47	57	59	59	43	35	19	20	1
66	-2	6	16	27	38	51	67	57	44	30	18	1	-2
67	7	9	1	30	37	54	56	54	39	34	23	7	1
68	-2	9	16	25	38	50	58	60	47	38	23	-3	-3
69	8	18	6	35	45	50	63	63	54	31	18	17	6
70	3	11	22	27	42	53	52	58	44	32	12	15	3
71	4	-4	15	29	43	61	54	60	44	35	23	23	-4
72	-4	4	16	24	46	52	54	60	37	27	23	3	-4
73	-1	16	30	27	40	53	62	59	42	31	28	1	-1
74	-3	13	15	33	44	53	64	56	43	36	21	15	-3
75	8	5	11	17	42	48	54	65	45	34	6	6	5
76	-2	9	14	29	33	53	62	59	42	21	8	-2	-2
77	-2	13	23	33	49	58	63	58	55	36	21	5	-2
78	-4	-1	5	32	40	54	61	58	48	35	24	0	-4
79	-6	-5	24	29	40	53	64	58	50	36	20	5	-6
80	8	3	7	33	39	57	64	65	45	26	21	8	3
81	15	-3	28	39	41								
MEAN	1.6	6.9	15.0	30.0	41.4	53.4	60.6	58.8	45.6	32.6	18.6	8.0	-1.0
S.D.	6.534	6.262	8.181	4.869	4.669	3.273	4.414	3.523	4.236	4.326	6.091	7.621	4.464
TOTAL OBS	668	791	868	840	868	810	837	837	810	837	810	868	10044

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)

JAN

MONTH

0000-0200

HOURS 11:30 - 1:00

[illegible]

JAN
MONTH

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-10/-11																					4			
-11/-13																					5			
-14/-15																					10			
TOTAL	13.4	64.0	17.4	4.1	.8	.3													930		930			
																		930		930				
Element (X)	Z _x ²	Z _x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature										Total								
Ref. Num.	5483870	70464	75.8	12.492	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	663007	22277	24.0	11.802	930	2.2	69.8					93												
Wet Bulb	572814	20622	22.2	11.152	930	2.9	77.9					93												
Dew Point	425008	15940	17.1	12.783	930	11.9	86.3					93												

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS 11-5 T-1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

<u>03923</u>	<u>MCCONNELL AFB KS</u>
STATION	STATION NAME

70,73-81

JAN
MONTH

PAGE 2

3600-0800

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
56 / 55			.2				.2	.1										5	5					
54 / 53		.2	.1		.1													4	4					
52 / 51		.1		.1	.4	.2	.1											9	9	5				
50 / 49			.1	.2	.1	.1												5	5	1	6			
48 / 47		.2	.4	.8	.3	.3	.1											20	20					
46 / 45		.4	.2	.8	.6	.3												22	22	7				
44 / 43	.1	.8	.8	.4	.9	.1												28	28	16	4			
42 / 41		.5	1.0	1.0	.3	.2												28	28	24	10			
40 / 39		.9	2.2	1.7	.8													51	51	26	9			
38 / 37	.1	1.9	1.4	1.3	.2													46	46	40	13			
36 / 35	.2	2.6	2.7	1.2	.4													66	66	52	26			
34 / 33	.3	3.0	1.7	1.6	.1													63	63	77	30			
32 / 31	.9	4.5	2.5	.6														79	79	83	58			
30 / 29	.3	2.9	1.8	.4														51	51	61	62			
28 / 27	.8	2.2	1.7	.2														45	45	74	63			
26 / 25	.3	2.6	1.2	.4														42	43	51	61			
24 / 23	.4	1.9	1.0	.1														32	32	44	44			
22 / 21	.3	2.0	1.0	.4														35	35	38	69			
20 / 19	1.0	2.5	1.2	.2														45	46	42	59			
18 / 17	.4	1.8	1.1															31	31	33	42			
16 / 15	.2	2.6	1.0															35	35	39	36			
14 / 13	.4	2.0	.5															28	29	28	33			
12 / 11		4.0	.2															39	39	36	33			
10 / 9	.2	2.6	.2															28	28	45	37			
8 / 7	.8	1.9	.1															26	26	28	24			
6 / 5	.2	1.7																18	18	20	24			
4 / 3	.6	1.5																20	20	24	36			
2 / 1	.1	.6																7	7	9	45			
0 / -1	.6	.2																8	8	11	23			
-2 / -3	.9	.3																11	11	13	20			
-4 / -5																					16			
-6 / -7																					9			
-8 / -9																					12			
-10 / -11																					11			
Element (X)	Σ X ²			Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

03423
STATION

MCCONNELL AFB KS

70,73-81

JAN

PAGE 2 0900-11
HOURS . . . S. 1

[illegible]

AD-A113 155

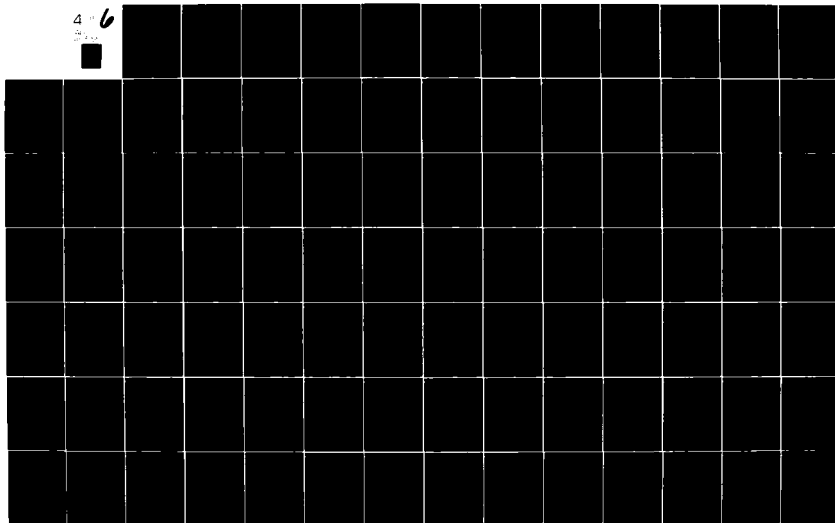
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MCCONNELL AFB, WICHITA, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC (U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/002

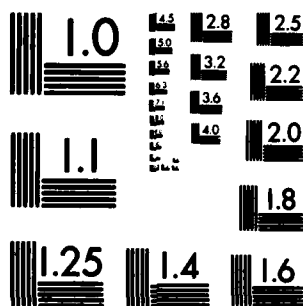
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

JAN

MONTH

1200-1400

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03423

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

31923 MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73													.1					1	1		
72/ 71												.1						1	1		
70/ 69											.1							1	1		
68/ 67											.1							1	1		
66/ 65											.1	.1						2	2		
64/ 63					.2				.3	.4								9	9		
62/ 61				.2	.1				.5	.2								10	10		
60/ 59				.3			.2	.1	.3									9	9		
58/ 57				.1		.8	.2	.2	.2									14	14		
56/ 55				.4	.3	1.0	.6	.6	.4									32	32	4	
54/ 53				.5	.6	.6	.5	.4										26	26	5	
52/ 51		.1	.6	.4	.8	.5	.6	.6										35	35		3
50/ 49			.5	.2	1.1	1.0	1.4	.3										42	42	15	4
48/ 47			.3	.5	1.3	.6	.8											33	33	28	3
46/ 45			.5	.5	2.3	1.9	.6											55	55	41	5
44/ 43		.4	.6	1.5	2.3	.4	.5											54	54	28	10
42/ 41		.1	1.3	1.2	1.8	.5												46	46	48	10
40/ 39	.1		1.0	1.2	.2	.4												27	27	48	17
38/ 37	.3	.1	1.5	1.1	.8	.3												38	38	80	22
36/ 35	.1	2.6	1.0	.6	.5	.1												46	46	69	32
34/ 33	.3	1.5	1.1	1.9	.5	.2												52	52	80	31
32/ 31	.4	1.7	2.3	.5	.2													48	48	51	50
30/ 29	.6	1.3	.9	1.3	.1													39	39	46	62
28/ 27	.1	.3	1.1	1.8														31	31	53	64
26/ 25	.3	1.3	.8	.3														25	25	31	73
24/ 23	.3	1.0	.5	.4														21	21	35	49
22/ 21	.1	1.3	2.7															38	38	32	62
20/ 19		.9	1.7	.1														25	25	32	51
18/ 17	.2	2.7	1.4	.2														42	42	34	35
16/ 15	.1	1.3	.8	.3														23	23	32	42
14/ 13				.1														19	19	27	33
12/ 11	.3	3.0	.3															34	34	38	39
10/ 9	.2	2.0	.1															22	22	25	35
8/ 7	.1	1.8	.1															19	19	23	47
Element (X)	Σ X ²		Σ X		Σ	°X	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
74 / 73													.0					1	1							
72 / 71												.0						2	2							
70 / 69												.0						1	1							
68 / 67												.0						2	2							
66 / 65												.0	.0					3	3							
64 / 63					.0				.1	.1								10	10							
62 / 61				.0	.0			.0	.1	.0								18	18							
60 / 59			.0	.1	.0		.0	.0	.1	.0								24	24							
58 / 57			.1	.1	.0	.1	.1	.1	.1									43	43							
56 / 55			.1	.1	.1	.2	.1	.2	.1									65	65	12						
54 / 53		.2	.0	.2	.2	.2	.1	.2										79	79	17	2					
52 / 51		.2	.1	.1	.3	.3	.3	.1										108	108	24	12					
50 / 49		.1	.3	.2	.3	.4	.3	.1										130	130	42	32					
48 / 47		.2	.3	.4	.5	.4	.2											152	152	63	21					
46 / 45		.3	.3	.6	.8	.5	.1											202	202	113	25					
44 / 43	.0	.7	.5	.7	.8	.3	.1											230	230	137	51					
42 / 41		.6	.8	.9	.8	.2	.0											247	247	196	54					
40 / 39	.1	.7	1.3	1.1	.5	.2												280	280	257	111					
38 / 37	.1	1.5	1.3	1.0	.5	.1												331	331	298	108					
36 / 35	.3	2.8	1.6	1.2	.3	.0												463	463	439	147					
34 / 33	.3	3.5	1.8	1.2	.2	.0												521	521	539	255					
32 / 31	.5	4.0	2.9	.6	.1													600	600	593	431					
30 / 29	.7	2.7	1.5	.4	.1													394	394	541	522					
28 / 27	.6	2.2	1.2	.5														334	335	552	472					
26 / 25	.6	2.9	1.1	.4														367	368	382	515					
24 / 23	.5	1.7	.8	.2														241	241	388	349					
22 / 21	.6	2.3	1.2	.1														317	317	300	497					
20 / 19	.6	2.9	1.1	.1														356	357	299	539					
18 / 17	.4	2.7	.7	.0														282	292	357	311					
16 / 15	.3	2.5	.6	.1														257	257	301	317					
14 / 13	.4	2.3	.4															228	229	215	273					
12 / 11	.3	3.5	.3															300	300	311	312					
10 / 9	.3	2.7	.1															235	235	283	333					
8 / 7	.4	2.3	.1															209	209	252	282					
Element (X)	Σ x ²		Σ x		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																										
Wet Bulb																										
Dew Point																										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 5	.3	1.1																104	104	165	212			
4/ 3	.5	1.2																130	130	150	240			
2/ 1	.2	.8																77	77	92	272			
0/ -1	.4	.2																42	42	53	210			
-2/ -3	.4	.2																44	44	56	148			
-4/ -5	.1																	7	7	9	110			
-6/ -7																					94			
-8/ -9																					67			
-10/-11																					47			
-12/-13																					34			
-14/-15																					28			
-16/-17																					2			
-22/-23																					1			
TOTAL	8.9	49.0	20.5	10.4	5.4	3.0	1.4	.7	.4	.1	.1	.0	.0					7436	7440		7436			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS
STATION NAME

70,73-81
YEARS

FEB
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65							.1											1	1			
64/ 63			.1			.1	.1											3	3			
62/ 61				.2		.1	.4											6	6			
60/ 59			.2	.2				.4										7	7	1		
58/ 57			.4	.1		.1												5	5			
56/ 55			.2	.1	.4	.4	.1	.1	.2									13	13	6	1	
54/ 53			.2	.5	.2	.2	.5	.1										15	15	6	3	
52/ 51		.4	.1	.2	.1		.2	.1	.1									11	11	8	4	
50/ 49			.2	.1	.1	.6	.1											10	10	6	9	
48/ 47		.2	.2	.4	.5	1.1	.2											22	22	10	1	
46/ 45		.8	.5	1.3	.8	.5												33	33	16	2	
44/ 43		.5	1.3	1.1	.8	.4												34	34	13	11	
42/ 41	.4	.4	1.9	.8	1.1	.1												39	39	19	12	
40/ 39		.5		1.8	1.1													37	37	45	14	
38/ 37		1.8	3.0	.9	.5													52	52	43	12	
36/ 35	.6	3.4	2.2	1.7														67	67	64	28	
34/ 33	1.4	2.6	1.4	1.2	.1													57	57	103	46	
32/ 31	.9	3.7	2.4	.1														60	60	50	70	
30/ 29	.8	3.4	1.7	.7														56	56	70	51	
28/ 27	.4	4.1	2.7	.2														63	63	60	69	
26/ 25	1.2	2.2	1.3															40	40	67	58	
24/ 23	.2	3.1	.2															30	30	48	65	
22/ 21	.7	2.5	.6	.1														33	33	40	52	
20/ 19	2.2	2.1	.7															43	43	39	83	
18/ 17	1.1	1.4	.5															25	25	29	44	
16/ 15	.4	2.0	.1															21	21	23	50	
14/ 13	.6	.9																13	13	22	29	
12/ 11	.2	1.1																11	11	12	34	
10/ 9	.7	.6																11	11	14	24	
8/ 7	.6	.7																11	11	10	23	
6/ 5		.5																4	4	8	7	
4/ 3	.4	.1																4	4	4	12	
2/ 1	.2	.8																9	9	5	7	
0/ -1																				5	6	
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

9000-0200

HOURS IN S.T.

[illegible]

PSYCHROMETRIC SUMMARY

FF9

MONTH

0300-0500

HOURS 11:50 - 1:00

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

FEB

PAGE 1 0600-0800
HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

33923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

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STATION

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PAGE 1

1200-1400

HOURS (L.S., T.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75										.1					.1								2	2						
74/ 73									.2	.2		.1	.1										8	8						
72/ 71							.2	.1	.1		.1	.2	.1										8	8						
70/ 69						.2			.1	.1	.4		.1										8	8						
68/ 67						.1	.4	.5	.1	.4	.4	.1	.1										17	17						
66/ 65				.1	.2	.1		.2	.2	.9	.4												19	19						
64/ 63							.5	.7	.6	.4													18	18						
62/ 61					.2	.5	.6	.5	.7	.4	.1												25	25	2					
60/ 59			.1		.2	.7	.6	.4	1.1	.6													31	31	5					
58/ 57				.1	.1	.4	.7	.5	.7														21	21	5	1				
56/ 55			.1		.6	.5	.7	.6	.2														23	23	10	1				
54/ 53		.1		.4	.4	.6	1.7	.1	.1														28	28	10	3				
52/ 51			.7		.5	.7	1.4	.5															32	32	24	5				
50/ 49			.4	.4	.8	1.5	.8																33	33	35	2				
48/ 47			.8	.4	.4	1.1	.4																25	25	40	6				
46/ 45		.5	.4	.8	1.3	.9																	33	33	34	6				
44/ 43	.1	.4	.7	1.4	1.5	.4																	38	38	49	10				
42/ 41		.9	1.1	1.7	1.4	.2																	45	45	50	34				
40/ 39	.6	1.7	1.3	2.0	1.4	.1																	60	60	64	21				
38/ 37	.4	1.1	.7	1.2	.8																		35	35	65	33				
36/ 35		.9	1.3	1.9	.2																		37	37	57	45				
34/ 33	.5	.9	1.2	1.3	.1																		34	34	57	34				
32/ 31	.1	1.8	.7	.9	.5																		34	34	47	43				
30/ 29	.4	.4	.7	1.1	.1																		22	22	33	64				
28/ 27	.8	2.4	1.2	.5	.2																		43	43	35	69				
26/ 25	.7	1.9	2.1	.4																			43	43	47	87				
24/ 23	.4	.7	.8	.1																			17	17	35	49				
22/ 21	.1	1.4	.8	.2																			22	22	40	45				
20/ 19	.2	3.0	1.1	.1																			37	37	25	53				
18/ 17		1.4	.4																				15	15	25	46				
16/ 15		1.1	.1																				10	10	19	51				
14/ 13		.9	.1																				9	9	9	22				
12/ 11	.2	.8																					9	9	12	27				
10/ 9		.1																					1	1	7	29				
Element (X)	ΣX^1		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total									
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$														
Dry Bulb																														
Wet Bulb																														
Dew Point																														

2

PSYCHROMETRIC SUMMARY

70,73-81

YEARS

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83													.1					1	1						
83/ 79												.2	.1					3	3						
78/ 77												.2	.2	.4				7	7						
76/ 75									.4			.2	.2	.2				7	7						
74/ 73							.1		.5	.4	.2	.6	.2					17	17						
72/ 71						.1	.1	.1				.2						5	5						
70/ 69								.2		.2			.2					6	6						
68/ 67						.1			.6	.4	.9	.8						24	24						
66/ 65					.2	.1		1.1	.9	1.2	.6							35	35						
64/ 63						.2	.7	.2	.8	.4	.1							21	21						
62/ 61				.2			.4	.2	1.1	.6	.4							24	24	3					
60/ 59				.2	.2	.2	.6	.9	.5	.4								26	26	5					
58/ 57				.1	.2	.5	.6	.7	.4	.5								25	25	11					
56/ 55				.2	.4	.2	1.3	.5	.4									25	25	12					
54/ 53					.5	.1	.7	1.5										24	24	12	4				
52/ 51		.1	.4	.6	.7	.2	1.1	.4										29	29	36	5				
50/ 49		.1	.5	.7	.5	.9	.7											29	29	31					
48/ 47			.1	.7	.8	1.2	.2											26	26	54	10				
46/ 45		.4	.2	1.2	1.3	.5	.6											35	35	45	10				
44/ 43			.5	.9	1.9	1.3												39	39	41	7				
42/ 41	.4	1.2	1.7	1.4	1.3	.8	.1											58	58	41	24				
40/ 39	.1	1.5	1.1	1.3	1.1	.4												46	46	70	23				
38/ 37	.5	1.9	1.5	.6	.5													42	42	65	37				
36/ 35		.4	1.7	.8	.5	.1												29	29	64	48				
34/ 33	.5	.8	.1	1.5	.8													32	32	58	34				
32/ 31	.2	1.1	.4	.6	.4	.1												23	23	34	66				
30/ 29	.4	.8	1.8	.8	.5													36	36	26	50				
28/ 27	.5	.9	1.5	.7														31	31	40	70				
26/ 25	.8	2.1	.8															32	32	40	69				
24/ 23		1.2	.7	.2														18	18	49	47				
22/ 21		1.3	1.9	.1														28	28	24	56				
20/ 19		2.8	.5															28	28	21	61				
18/ 17		1.7	.2															16	16	29	49				
16/ 15		1.1																9	9	18	44				
Element (X)	ΣX ²		ΣX		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS	70,73-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1500-1700
HOURS S. T. I

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

01923 MCCONNELL AFB KS
STATION STATION NAME

70,73-81
YEARS

1 EB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
76 / 75												.1						1	1			
74 / 73										.1		.1						2	2			
72 / 71								.1	.1		.1							3	3			
70 / 69						.1		.2	.1	.2	.5	.1						11	11			
68 / 67					.2	.1		.1	.1	.2	.1							8	8			
66 / 65					.2		.1		.1	.2		.1						7	7			
64 / 63					.1	.1	.4	.2	.5	.4	.4							17	17			
62 / 61			.1			.1	.4	.2	.4	.5	.1							15	15			
60 / 59						.5	.5	.4	.4	.1								15	15	3		
58 / 57				.2	.1	.2	.4	.7	.7	.1								21	21	5		
56 / 55			.2		.7	.2	.9	.7	.5									28	28	5		
54 / 53			.4	.4	.1	.1	1.2	.1										19	19	6	4	
52 / 51			.2	.5	.6	.7	1.1	.4										29	29	14	3	
50 / 49			.6	.5	.9	1.1	.7	.2										34	34	23	3	
48 / 47		.2	.4	.8	1.1	1.1	.7											36	36	30	5	
46 / 45		.5	.6	.2	1.2	.5	.1	.1										27	27	29	6	
44 / 43			1.3	1.2	1.2	.8	.1											39	39	42	13	
42 / 41	.4	.1	1.2	1.5	1.2	.2												39	39	56	21	
40 / 39		1.3	1.5	.9	1.5	.1												46	46	44	11	
38 / 37	.4	3.1	1.2	1.3	.6													55	55	73	25	
36 / 35	.7	2.6	2.0	1.5	.4													61	61	70	49	
34 / 33	.2	1.4	1.8	.8	.1													37	37	66	41	
32 / 31	.6	1.2	2.2	1.1	.5													47	47	57	67	
30 / 29	.4	1.2	1.7	1.1	.2													38	38	43	66	
28 / 27	.7	2.1	1.4	.4														39	39	45	59	
26 / 25	.6	2.0	.8	.2														31	32	47	59	
24 / 23	.2	1.3	.5															17	17	42	49	
22 / 21	.1	2.5	.5	.4														29	29	32	74	
20 / 19	.5	2.7	.4	.2														32	32	23	58	
18 / 17	.2	1.7	.1															17	17	33	44	
16 / 15	.2	2.1																20	20	21	50	
14 / 13	.2	.9																10	10	14	33	
12 / 11	.1	.2																3	3	8	22	
10 / 9	.1	.7																7	7	4	37	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

70, 73-81

YEARS

FEB
MONTH

PAGE 2 1800-2000
HOURS: L, S, T, J

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923

MCCONNELL AFB KS

70,73-81

FE2

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

2	8	0	0	2	5
1	0	7	8	5	7
1	0	7	8	5	7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
66/ 65				.1			.2		.4									6	6													
64/ 63				.1	.1	.1	.2	.1										6	6													
62/ 61			.1	.1	.1	.1	.1	.5										8	8													
60/ 59			.2		.1	.1	.2		.5	.4								15	15	1												
58/ 57				.4	.1	.2	.5	.1	.1	.4								15	15	5												
56/ 55			.1		.2	.5	.2	.1		.2								12	12	3	1											
54/ 53		.2	.1	.7	.1	.1	.2	.1										14	14	4	5											
52/ 51				.7	.1	.6	.6											17	17	8												
50/ 49			.7	.1	.4	.7	.6											21	21	8	4											
48/ 47		.1	.5	.7	1.5	.7	.1											31	31	20	6											
46/ 45		.8	.7	1.2	1.4	.6	.1											41	41	27	1											
44/ 43			.8	.9	1.1	.7												30	30	17	11											
42/ 41	.4	.8	.7	1.5	1.3	.1												41	41	33	21											
40/ 39		.9	2.0	1.9	.9													49	49	60	12											
38/ 37		2.0	1.3	1.2	.1													39	39	45	21											
36/ 35	1.1	3.8	1.1	1.4	.1													63	63	77	34											
34/ 33	.7	2.7	2.2	.8														55	55	81	47											
32/ 31	1.5	2.4	2.8	1.1														66	66	55	78											
30/ 29	.1	3.2	1.9	.8	.1													52	52	56	46											
28/ 27	.9	2.0	2.0	.2														44	44	60	70											
26/ 25	.7	3.1	.7	.1														39	39	53	50											
24/ 23	.6	1.5	.9	.1														27	27	55	72											
22/ 21	.8	2.1	.5															29	29	31	60											
20/ 19	1.1	3.2	.6	.1														42	42	33	64											
18/ 17	.1	1.9	.2															19	19	32	49											
16/ 15	.7	2.0																23	23	24	42											
14/ 13	.1	1.2																11	11	19	36											
12/ 11	.5	.9																12	12	14	26											
10/ 9	.2	.5																6	6	10	34											
8/ 7	.1	.7																7	7	3	16											
6/ 5		.2																2	2	7	13											
4/ 3		.4																3	3	3	7											
2/ 1		.1																1	1	2	5											
0/ -1																					1											
Element (X)	ΣX ²			ΣX		X		e _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																																
Wet Bulb																																
Dew Point																																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 2 2100-2300
HOURS 11:55 A.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL				TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
-2 / -3																						8			
-4 / -7																						2			
-8 / -9																						2			
-12 / -13																						2			
TOTAL	9.7	36.9	20.3	14.4	7.9	4.5	3.2	1.2	.9	.9									846			846			
																			846			846			

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

USAFETAC FORM 0-26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
CSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS
STATION STATION NAME

73,73-81

YEARS

FEB
MONIN

PAGE 2

ALL

ALL
HOURS - L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0000-0200

HOURS 15.5. T.1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

MAR

MONTH

PAGE 1 0300-0500

HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

MAR

MONTH

PAGE 2

0300-0500

NOV 15 1955

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
66/ 65			.4															4	4												
64/ 63			.1	.2														3	3												
62/ 61			.1	.3	.1		.1											6	6	4											
60/ 59		.3	.8	.3	.1	.1	.1											16	16	1	4										
58/ 57	.1	.3	.3	.2	.2	.2	.3											16	16	10	2										
56/ 55	.3	.5	.4	.1	.5	.2												20	20	16	11										
54/ 53	.2	.5	.9	.3	.3	.4	.1											26	26	15	11										
52/ 51		1.0	1.1	.2	.8	.8												35	35	14	14										
50/ 49		.5	1.6	.9	.5		.1											34	34	26	11										
48/ 47	.6	2.0	1.7	.9	.9	.2	.1											60	60	28	23										
46/ 45	.5	2.4	1.8	.6	.9	.1												59	59	54	28										
44/ 43	.3	3.4	1.6	1.4	.9													71	71	58	40										
42/ 41		1.9	3.0	2.2	.1													67	67	73	33										
40/ 39	.5	1.1	2.7	1.5	.1													55	55	55	53										
38/ 37	.5	2.0	1.9	.5	.2													49	49	75	52										
36/ 35	1.1	3.7	2.2	1.2														75	75	77	55										
34/ 33	.3	3.3	4.2	1.1														83	83	72	47										
32/ 31	.5	3.8	3.0	.8														75	75	71	93										
30/ 29	.4	2.8	2.6	.2														56	56	77	71										
28/ 27	.9	.6	1.4															27	27	69	82										
26/ 25	1.1	1.2	1.3															33	33	47	66										
24/ 23	.1	.9																9	9	24	49										
22/ 21	.2	.9																10	10	19	44										
20/ 19	.4	.6																10	10	10	32										
18/ 17		.6																6	6	8	30										
16/ 15		1.3																12	12	9	26										
14/ 13	.1	.1																2	2	9	16										
12/ 11	.2	.4																6	6	2	11										
10/ 9		.1																1	1	4	8										
8/ 7		.2																2	2	2	9										
6/ 5		.2																2	2	3											
4/ 3																					1										
2/ 1																					5										
0/ -1																					3										
Element (X)	Σ X ²			Σ X			Σ	Σ _n	No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																															
Wet Bulb																															
Dew Point																															

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

HOURS: 11:50 A.M.

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

2

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

NOV 15 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83										.2								2	2					
82/ 81									.1			.1						2	2					
80/ 79							.1											1	1					
78/ 77								.2	.3	.4	.2							11	11					
76/ 75								.3	.3	.1	.2	.1	.1					11	11					
74/ 73					.1	.3		.4	.3	.2	.2	.1						16	16					
72/ 71					.1	.3	.2	.2	.3	.3	.1	.3						18	18					
70/ 69					.1	.4	.1	.4	.5	.3	.3	.2						23	23					
68/ 67				.1	.5	.2	.2	.8	.4	.3	.5	.1						30	30	2				
66/ 65				.2	.4	.3	.4	.2	.4	.9	.3							30	30	5				
64/ 63			.1	.6	.9	.6	.8	.9	.9	.4								48	48	6				
62/ 61		.1	.4	.9	.1	.6	.9	.5	1.2	.8								51	51	15	1			
60/ 59		.1	.3	.4	.9	.4	1.2	.6	.6	.3								46	46	26	4			
58/ 57			.3	.2	.6	.9	1.1	.6	.6	.1								42	42	34	6			
56/ 55			.3	.9	1.4	.6	1.0	1.3	.1									52	52	34	15			
54/ 53			.2	.4	1.0	1.0	1.4	.4	.1									42	42	30	25			
52/ 51		.6	1.1	.3	1.9	1.3	1.3	.2										63	63	42	23			
50/ 49	.1	.8	1.2	.6	1.3	1.6	.4											56	56	70	22			
48/ 47		1.4	1.0	.9	1.1	1.5	.6											60	60	80	23			
46/ 45		1.3	1.5	1.7	1.2	1.0	.2											64	64	73	43			
44/ 43		.5	1.1	1.1	1.1	1.0	.1											45	45	83	44			
42/ 41	.1	1.1	.6	.8	1.5	.4	.1											43	43	93	48			
40/ 39	.2	2.2	.5	.5	.8													39	39	77	55			
38/ 37	.2	.5	.3	.9	.3	.1												22	22	56	60			
36/ 35			1.0	.5	.3													17	17	43	67			
34/ 33	.3	.6	.6	1.0														24	24	35	59			
32/ 31	.8	1.1	1.2	.2														30	30	38	64			
30/ 29	.3	.2	.8	.3														15	15	32	55			
28/ 27		.3	.1	.1														5	5	19	57			
26/ 25		.1	.3	.1														5	5	12	62			
24/ 23		.3	.2															5	5	8	44			
22/ 2																								

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

1200-1400
HOURS P. M.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

67423

MC CONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTN

PAGE 1

1800-2000

HOURS: 9-5 S-T-F

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000

NO. 15 S. T. 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
CSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17423

MCCONNELL AFB KS

70,73-81

448

STATION

STATION NAME

YEARS

MONITOR

PAGE 1

2100-2300

2200 2200

 4400 4400

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 2 2100-2300
HOURS L. S. T.

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS 70,73-81 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
86/ 85											.0		.0	.0	.0			8		8																
84/ 83										.0		.0	.0	.0				4		4																
82/ 81									.0	.0	.0	.0	.0					5		5																
80/ 79							.0		.0	.0	.1	.1	.0					19		19																
78/ 77							.0	.1	.1	.1	.1	.0	.0	.0				30		30																
76/ 75							.0	.1	.1	.1	.0	.0	.1	.0				33		33																
74/ 73					.0	.1	.1	.1	.1	.1	.1	.1	.1					42		42																
72/ 71				.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.0				58		58																
70/ 69			.0	.1	.1	.1	.1	.1	.2	.2	.1	.1						91		91																
68/ 67			.0	.1	.1	.2	.1	.3	.2	.2	.2	.2	.0					103		103	2															
66/ 65			.3	.1	.3	.2	.3	.2	.3	.2	.1							145		145	19															
64/ 63		.0	.1	.4	.4	.4	.4	.3	.3	.2	.0							184		184	31															
62/ 61		.1	.5	.5	.3	.2	.4	.3	.4	.3								216		216	70															
60/ 59		.1	.5	.3	.4	.4	.7	.4	.4	.1								246		246	84															
58/ 57	.0	.3	.5	.3	.5	.7	.6	.4	.3	.1								266		266	188															
56/ 55	.1	.3	.4	.7	.8	.8	.6	.6	.1	.0								328		328	176															
54/ 53	.1	.3	.6	.6	.8	.8	.6	.2	.0									304		304	202															
52/ 51	.1	.5	1.1	.6	1.0	.8	.8	.1	.0									372		372	243															
50/ 49	.1	.9	1.9	1.0	1.2	.8	.4	.1										473		473	357															
48/ 47	.2	1.4	1.3	1.3	1.2	.9	.2											487		487	496															
46/ 45	.1	1.5	1.6	1.6	1.1	.6	.1											504		504	510															
44/ 43	.1	1.7	1.9	1.3	1.0	.4	.1											477		477	575															
42/ 41	.0	1.2	1.8	1.4	.8	.1	.0											402		402	623															
40/ 39	.4	1.6	1.6	1.2	.6	.1												409		409	624															
38/ 37	.4	1.5	1.8	1.1	.4	.1												388		388	536															
36/ 35	.4	1.5	1.7	1.2	.2													377		377	492															
34/ 33	.3	1.8	1.9	.8	.1													373		373	470															
32/ 31	.6	1.7	1.9	.5	.0													352		352	451															
30/ 29	.4	1.3	1.3	.3														248		248	389															
28/ 27	.3	.6	.6	.1														114		114	314															
26/ 25	.4	.6	.6	.1														121		121	203															
24/ 23	.0	.4	.3															55		55	97															
22/ 21	.1	.3	.1															42		42	91															
20/ 19	.1	.4	.1															46		46	46															
Element (X)	ΣX^2			ΣX			\bar{X}			σ_X			No. Obs.			Mean No. of Hours with Temperature										Total										
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

411

HOURS U. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS
STATION STATION NAME

70,73-81
YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
72/ 71			.2	.3														5	5													
70/ 69		.7	.4	.1														11	11													
68/ 67	.1		.4	.3		.1												13	13	12	7											
66/ 65		1.0	2.4	1.0	.1	.6	.3											49	49	10	8											
64/ 63	.1	.9	1.2	.6	.1	.4												30	30	25	10											
62/ 61		.7	1.7	.9	.1	.3	.2											35	35	24	25											
60/ 59		1.1	1.9	1.0	1.0	.6	.1											51	51	31	17											
58/ 57	.2	.8	2.2	1.1	.4	.4	.2											49	49	37	31											
56/ 55	.3	1.9	1.9	1.6	1.1	.3	.1											65	65	44	36											
54/ 53	.1	2.7	1.0	1.6	1.9	.7	.3											74	74	53	29											
52/ 51		1.7	1.2	2.7	1.6	.2												66	66	60	40											
50/ 49	.2	1.7	1.1	2.4	.4	.1												54	54	55	60											
48/ 47	.2	1.6	2.9	1.9	.6	.4												68	68	63	44											
46/ 45	.6	1.0	2.4	2.7	.3													63	63	78	55											
44/ 43	.2	1.4	3.6	.8	.1													55	55	74	38											
42/ 41	.1	.7	2.8	1.6	.1													47	47	61	37											
40/ 39	.3	.8	3.1	.7	.1													45	45	68	84											
38/ 37	.1	1.6	1.7	.7														36	36	49	52											
36/ 35	.2	1.1	1.2	.1														24	24	62	77											
34/ 33	.4	1.6	1.7															33	33	33	73											
32/ 31		.3	.4	.2														9	9	28	59											
30/ 29		.7	.3															9	9	12	34											
28/ 27		.2	.1															3	3	8	22											
26/ 25																				7	27											
24/ 23	.1																	1	1	1	15											
22/ 21	.2																	2	2	2	11											
20/ 19	.2																	2	2	2												
18/ 17	.1																	1	1	1	6											
16/ 15																					3											
TOTAL	4.0	24.3	36.0	22.1	8.0	4.2	1.3												900		900											
																		900		900												
Element (X)	Σ x ²			Σ x			Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											Total									
Rel. Hum.	5131171			66863			74.3	13.4	97	900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						90									
Dry Bulb	2344668			45066			50.1	9.8	97	900			2.7	2.9									90									
Wet Bulb	1994142			41486			46.1	9.5	40	900			6.1	1.2									90									
Dew Point	1680688			37652			41.8	10.8	33	900			17.7	.7									90									

PSYCHROMETRIC SUMMARY

YEARS

APP

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS
STATION NAME

70,73-81
YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81									.1	.1								2	2					
80/ 79						.1	.1		.2	.1	.1							6	6					
78/ 77					.1	.1	.1	.1	.1	.1	.1							7	7					
76/ 75					.7	.1	.4	.2	.1	.3	.2							20	20					
74/ 73			.1	.9	.3	.3	.8	.3	.2	.1	.1							29	29					
72/ 71			.4	1.2	.4	.3	.6	.1	.7	.2								36	36					
70/ 69			1.2	1.0	1.0	.8	1.0	.8	.2	.6								59	59		7			
68/ 67		.1	1.1	.4	1.2	.4	1.0	.4	.4									47	47	25	2			
66/ 65	.1		1.3	1.1	1.4	.9	.9	1.2	.7									69	69	28	22			
64/ 63	.1	.3	1.2	1.2	.8	1.0	.9	1.0	.3	.2								64	64	37	24			
62/ 61		.7	1.6	1.0	1.3	1.8	1.7	.7	.4									82	82	43	19			
60/ 59	.1	.4	1.6	.8	.4	1.1	1.0	.4										53	53	63	32			
58/ 57		1.3	1.3	1.0	1.0	1.9	1.7	.1										75	75	64	38			
56/ 55		.7	.2	.8	1.3	1.3	.8	.3										49	49	75	50			
54/ 53		.6	1.2	.7	2.3	.8	.3											53	53	62	56			
52/ 51		.7	.6	1.6	1.6	.6	.3											47	47	72	41			
50/ 49	.1	.7	.9	1.7	1.8	1.0	.1											56	56	71	41			
48/ 47		.4	.3	.8	1.3	.6												31	31	70	38			
46/ 45	.2	.8	.3	.9	.9													28	28	68	65			
44/ 43		.4	.6	1.1	.4	.1												24	24	63	46			
42/ 41		.2	.4	.4	.1													11	11	28	47			
40/ 39			.6	.9	.1	.2												16	16	43	69			
38/ 37		.2	.4	.2														8	8	24	59			
36/ 35	.2	.4	.3	.2	.2													13	13	17	56			
34/ 33		.8	.2															9	9	16	50			
32/ 31			.1															1	1	14	38			
30/ 29		.1																1	1	3	33			
28/ 27		.1																1	1	3	34			
26/ 25																				1	23			
24/ 23		.1																1	1		7			
22/ 21	.2																	2	2	3	1			
20/ 19																					3			
18/ 17																					1			
16/ 15																					2			
Element (X)	Σ X²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

2

2

YEARS

MONTH

0900-1100
HOURS U. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

USAFETAC FORM 0-26-3.OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

1800-200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85														.1				1	1																
84/ 83									.1		.2	.1						4	4																
82/ 81									.2	.2	.1	.2	.2					9	9																
80/ 79						.3	.2	.2	.2	.1		.2						12	12																
78/ 77						.2	.3	.3	.2			.1	.1					12	12																
76/ 75				.6	.4	.9	.3	.4	.1	.9	.2	.2						37	37																
74/ 73				.3	1.0	1.1	.4	.4	.3	.7	.4							43	43																
72/ 71			.2	.8	1.3	1.1	.7	.6	.9	.4	.7	.2						62	62																
70/ 69			.7	.9	1.4	.4	1.1	1.0	1.0	.6	.3							67	67	9															
68/ 67			1.3	.7	1.3	.4	.8	.9	.9	.4	.2							63	63	24	5														
66/ 65		.2	.8	1.1	1.1	.8	1.6	1.0	.6	.8								71	71	37	6														
64/ 63	.1	.4	.4	1.0	.7	.8	1.1	1.6	.8									62	62	60	21														
62/ 61			.9	.7	1.2	1.2	1.7	.9	.7									65	65	53	42														
60/ 59		.6	.4	.7	1.1	1.9	1.7	.9	.3									68	68	49	34														
58/ 57		.7	.6	.7	.6	.8	1.2	.8										47	47	69	38														
56/ 55		.7	.3	.7	1.2	1.8	.8	.1	.1									51	51	63	48														
54/ 53		.7	1.2	1.0	.9	1.6	.8											55	55	73	29														
52/ 51		1.0	1.0	.9	.6	1.0	.3	.1										44	44	81	42														
50/ 49		.1	.7	.4	1.0	.8	.1											28	28	86	53														
48/ 47		.7	.4	.7	.3	.6												24	24	71	38														
46/ 45	.2		.1	.7		.2												11	11	70	58														
44/ 43	.3	.1	.7	.3	.2	.1												16	16	50	50														
42/ 41		.7	.4	.9	.3													21	21	28	67														
40/ 39			.1	.2	.1													4	4	24	53														
38/ 37		.1	.2		.1													4	4	11	63														
36/ 35			.1		.2													3	3	15	52														
34/ 33		.8	.1															8	8	7	54														
32/ 31	.1	.2																3	3	11	39														
30/ 29		.1																1	1	4	29														
28/ 27	.1	.1																2	2	2	44														
26/ 25		.2																2	2	1	13														
24/ 23																																			

2

2

APR

MONTH

1600-2000

HOURS : L. S. T. :

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923
STATION

MCCONNELL AFB KS
STATION NAME

70,73-81
YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
76/ 77					.1						.1							2	2									
76/ 75				.1	.2			.1		.1								5	5									
74/ 73				.1	.2		.1	.1	.1									6	6									
72/ 71			.6	1.0	.3	.1	.6											23	23									
70/ 69		.3	.8	.4	1.2	.7	.1	.6	.4	.1								42	42	2								
68/ 67			1.1	.7	.9	.9	.3	.7	.3		.1							45	45	13	6							
66/ 65			1.9	2.1	.9	.7	.8	.7	.2	.2								67	67	16	6							
64/ 63	.3	.9	1.0	1.4	1.1		.6	.4										52	52	28	19							
62/ 61		.6	1.9	1.1	1.1	.7	.8	.4	.1									60	60	49	19							
60/ 59		.8	1.0	1.4	1.7	1.6	1.6	.1										73	73	51	33							
58/ 57		.2	1.4	1.3	1.2	2.0	.8	.6										68	68	61	34							
56/ 55	.1	.7	1.6	1.8	1.6	1.7	.4											70	70	50	51							
54/ 53	.1	1.0	1.3	1.1	1.1	.9	.3	.1										54	54	61	38							
52/ 51		1.1	1.6	1.1	1.3	.6	.4											55	55	69	43							
50/ 49		.9	1.3	3.0	1.6	.7	.1											68	68	84	55							
48/ 47	.2	.8	1.8	1.7	1.4	.2												55	55	75	39							
46/ 45	.1	.8	.3	1.9	.8													35	35	78	66							
44/ 43	.6	.6	1.7	.8	.3													35	35	70	50							
42/ 41		.6	.9	1.3	.2													27	27	51	51							
40/ 39	.1	.1	.9	1.0	.2													21	21	48	74							
38/ 37	.1	.1	.4	.1														7	7	29	70							
36/ 35		.2	.2	.2														6	6	21	48							
34/ 33		.9	.2	.2														12	12	16	55							
32/ 31		.2	.1	.1														4	4	15	49							
30/ 29		.1																1	1	2	18							
28/ 27	.2																	2	2	6	38							
26/ 25	.1	.2																3	3	1	16							
24/ 23		.1																1	1	2	12							
22/ 21																				1	4							
20/ 19																					3							
18/ 17																					2							
16/ 15																					1							
TOTAL	2.0	11.1	22.0	24.1	17.6	10.6	6.9	3.8	1.2	.4	.2							899	899	899	899							
Element (X)	Σ x ²				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.	4077403				58819				65.4				15.971				899				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	2870137				50047				55.7				9.674				899					1.1	12.3	1.3				90
Wet Bulb	2271613				44493				49.5				8.803				899					2.7	1.5					90
Dew Point	1798219				39077				43.5				10.534				899					14.3	.6					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS
STATION STATION NAME

70,73-81

YEARS

APR
MONTH

PAGE 2

ALL

HOURS (S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

MONTH

PAGE 1 0600-0800

MOJAS S. T.

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923

MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85								.1										1	1			
84/ 83						.3	.1		.3									7	7			
82/ 81				.2	.6	.1	.3	.3		.2								17	17			
80/ 79			.2	.4	.8	1.0	.8	.6	.1	.3	.1							40	40			
78/ 77			.3	.6	1.1	1.3	1.1	.4	.3									48	48			
76/ 75			.4	1.2	2.5	2.2	.5	.6	.5	.5								79	79	6		
74/ 73			.3	2.5	2.5	1.2	1.1	.9	.1	.1								80	80	16	4	
72/ 71			.5	2.2	1.7	1.5	1.1	.9	.4	.1	.1							79	79	28	10	
70/ 69		.1	1.3	2.2	1.6	1.2	1.1	1.2	.1									81	81	45	25	
68/ 67		.3	2.3	1.4	2.0	1.9	1.1	.6	.4	.2								96	96	79	16	
66/ 65		.3	1.9	1.7	1.7	1.3	1.3	.8	.4	.1								89	89	87	55	
64/ 63		.4	.9	1.3	1.4	1.4	.6	.3	.5									64	65	87	54	
62/ 61	.1	1.1	1.0	1.6	.9	1.5	.6	.4	.1									68	68	90	92	
60/ 59		.8	.8	.9	1.0	1.0	.6	.6	.2									54	54	89	94	
58/ 57		1.4	.6	.6	.8	1.0	.5	.1										47	47	91	55	
56/ 55		.6	.4	.1	.3	.5	.2	.1										22	22	79	61	
54/ 53		.4	.2	.2	.5	.4	.1											18	18	57	74	
52/ 51		.1	.3	.2	.2	.2	.1											11	11	49	65	
50/ 49		.2	.3	.3	.2													10	10	35	56	
48/ 47		.6	.1	.2	.1	.1												11	11	39	48	
46/ 45		.1	.4		.1													6	6	25	41	
44/ 43		.1																1	1	13	37	
42/ 41																				10	30	
40/ 39																				3	27	
38/ 37																				1	24	
36/ 35																					17	
34/ 33																					18	
32/ 31																					8	
30/ 29																					7	
28/ 27																					7	
26/ 25																					4	
TOTAL	.1	6.7	12.4	17.9	20.0	18.1	11.3	8.1	3.7	1.6	.2								930		929	
																		929		929		
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3862541		58173		62.6		15.390		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	4287712		62718		67.4		7.908		530				52.8	27.2	4.2		93					
Wet Bulb	3333254		55208		59.4		7.514		929				17.4	2.2			93					
Dew Point	2747364		49674		53.5		9.918		929			2.6	5.5	.4			93					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
90 / 89								.1	.1	.1								3	3					
88 / 87						.3	.1	.3		.3	.2							12	12					
86 / 85					.2	.8	.6	.6	.3	.4	.2	.3	.2					35	35					
84 / 83					.3	.5	1.1	1.4	.5	.1	.8	.1		.2				45	45					
82 / 81				.1	.6	1.4	1.7	1.8	.6	1.0	1.0	.1						78	78					
80 / 79				.4	.8	1.9	2.6	1.4	1.0	1.1	.4							89	89					
78 / 77				.4	.6	2.4	1.7	1.2	.5	.4	.4	.1						73	73	7				
76 / 75			.1	.2	1.0	1.6	1.6	1.8	.6	.6	.2	.2						75	75	17	6			
74 / 73			.1	.4	1.4	1.0	2.3	1.1	.9	.4	.1	.1						72	72	25	3			
72 / 71				1.3	1.3	1.4	1.6	1.3	.9	.4	.1							77	77	50	10			
70 / 69		.2	.3	1.1	2.4	1.7	1.5	1.5	.9	.4								93	93	72	34			
68 / 67		.2	1.6	.3	.8	1.6	1.0	1.0	.9	1.3								80	80	96	26			
66 / 65			.3	.4	.8	1.1	.5	.4	.5	.1								39	39	82	46			
64 / 63		.3	.6	.5	.2	.5	.4	.8	.6									38	38	112	61			
62 / 61		.1	.8	.3	.2	.1	.4	.6	.2									26	26	94	90			
60 / 59		.3	.5	.8	.2	.2	.1	.2	.2									24	24	81	77			
58 / 57		.5	.3	.3	.2	.6	.6	.1										26	26	75	61			
56 / 55	.1	.2	.3	.4	.1	.4	.2											17	17	68	70			
54 / 53		.2	.3				.1											6	6	35	68			
52 / 51		.2	.5	.2	.1													10	10	35	70			
50 / 49		.2	.2															4	4	40	52			
48 / 47			.4															4	4	28	46			
46 / 45		.1	.3															4	4	13	45			
44 / 43																				7	28			
42 / 41																				3	32			
40 / 39																					22			
38 / 37																					22			
36 / 35																					16			
34 / 33																					16			
32 / 31																					19			
30 / 29																					5			
28 / 27																					1			
26 / 25																					3			
24 / 23																					1			
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Num.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

70,73-81

MAY

MONTH

PAGE 2

1500-1700

HOURS S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03523 MCCONNELL AFB KS

70,73-81

MAY

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 87							.2	.2										4		4					
86/ 85							.2	.1	.1	.1								5		5					
84/ 83						.4	.9	.3	.2	.4	.1	.1		.1				24		24					
82/ 81				.3	.4	.9	.6	.4	.5		.1	.2						33		33					
80/ 79				.3	.8	2.0	.6	.2	.8	.5	.4	.1						54		54					
78/ 77			.1	.9	1.3	2.5	.8	1.0	.6	.2	.3	.1						72		72					
76/ 75			.5	.5	2.0	1.2	1.3	1.3	.8	.4								75		75	6				
74/ 73			.2	1.7	1.6	1.7	1.1	1.1	.6	.4	.2							81	81	20	2				
72/ 71		.2	.5	1.7	1.7	1.4	1.7	1.7	.8									91	91	42	7				
70/ 69			.6	1.0	1.6	1.0	1.7	1.3	.9	.2								77	77	59	26				
68/ 67			.9	1.4	2.8	2.2	1.1	.4	.6	.4								91	91	73	32				
66/ 65			1.1	1.1	1.6	1.4	1.6	.6	.5	.1								75	75	62	54				
64/ 63		.8	1.3	1.5	.9	1.0	.5	.9	.4									67	67	89	59				
62/ 61		.3	.6	.6	.4	.9	.3	.3	.3									36	36	103	61				
60/ 59		.9	.4	.8	.4	.6	.8	.5	.2									43	43	100	63				
58/ 57		1.8	.4	.4	.1	.1	.3	.4										34	34	96	73				
56/ 55		.9	.1	.3	.2	.4	.4											22	22	83	77				
54/ 53		.2	.4	.9	.1	.1	.1											17	17	54	73				
52/ 51		.2	.1	.6	.2	.1												12	12	38	68				
50/ 49		.4	.1	.3														8	8	34	64				
48/ 47		.1	.1			.1												3	3	33	45				
46/ 45			.3															3	3	21	56				
44/ 43																					8	42			
42/ 41																					5	29			
40/ 39																					1	17			
38/ 37																						18			
36/ 35																						19			
34/ 33																						17			
32/ 31																						7			
30/ 29																						8			
28/ 27																						9			
26/ 25																						1			
TOTAL		5.8	8.0	14.5	16.3	18.0	14.3	10.9	7.4	2.9	1.2	.5	.1					927	927	927	927				
Element (X)	Σ X'			Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3455884			54608		58.9		16.066		927		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4518274			64284		69.3		8.078		927				60.9	34.9	9.0		93							
Wet Bulb	3397493			55719		60.1		7.230		927				20.1	2.6			93							
Dew Point	2729204			49464		53.4		9.732		927				2.5	6.7	.2		93							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923	MCCONNELL AFB KS
STATION	STATION NAME

70,73-81

Y E A R S

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923 MCCONNELL AFB KS

70,73-81

MAY

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
92 / 91									.0		.0							2	2				
90 / 89						.0	.0	.0	.1	.0								11	11				
88 / 87						.0	.1	.1	.1	.1	.1							34	34				
86 / 85					.0	.2	.2	.2	.1	.1	.1	.1	.1	.0				96	96				
84 / 83					.1	.3	.4	.4	.2	.1	.1	.1	.0					131	131				
82 / 81				.1	.3	.5	.6	.4	.4	.3	.2	.1						211	211				
80 / 79			.0	.2	.4	.8	.7	.4	.4	.4	.2	.1						267	267		1		
78 / 77			.1	.3	.5	1.1	.7	.5	.3	.2	.1	.0						286	286	10			
76 / 75		.1	.3	.6	1.1	.9	.7	.7	.4	.3	.1	.1						369	369	49	7		
74 / 73		.0	.5	1.4	1.1	.9	.8	.5	.5	.1	.1	.0						439	439	111	17		
72 / 71		.2	.8	1.8	1.0	.9	.8	.8	.5	.1	.0							504	504	192	51		
70 / 69		.3	1.3	1.4	1.4	.8	.8	.7	.3	.2	.1							540	540	341	149		
68 / 67		.4	2.0	1.5	1.2	1.1	.6	.4	.4	.3								582	582	475	175		
66 / 65	.0	.5	2.5	1.2	1.1	.8	.6	.3	.3	.1								546	546	502	366		
64 / 63	.0	1.7	1.8	1.6	1.1	.7	.3	.3	.3									574	575	643	400		
62 / 61	.0	1.4	1.6	1.5	.7	.6	.3	.2	.1	.0								484	484	780	518		
60 / 59	.1	1.7	1.5	1.5	.9	.4	.3	.2	.1									489	490	664	649		
58 / 57	.0	1.9	1.7	1.0	.7	.5	.4	.1										459	459	706	571		
56 / 55	.1	1.6	1.3	1.2	.5	.4	.2	.0										391	392	666	593		
54 / 53	.1	1.1	1.1	.9	.4	.2	.1											293	294	534	587		
52 / 51	.1	.5	.8	.8	.3	.1	.0											198	201	449	576		
50 / 49	.1	.5	.8	.7	.3													174	174	356	502		
48 / 47		.4	.6	.8	.1	.0												141	141	303	390		
46 / 45		.3	.5	.5	.1													101	101	245	419		
44 / 43		.3	.4	.2	.0													62	62	169	331		
42 / 41		.1	.2	.1	.0													28	28	121	242		
40 / 39		.1	.0	.0														9	9	72	221		
38 / 37			.0															2	2	22	187		
36 / 35			.0															2	2	10	163		
34 / 33			.0															2	2	3	128		
32 / 31																				2	75		
30 / 29																				1	43		
28 / 27																					30		
26 / 25																					16		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

2

02.05.2012

MAY
MONTH

STATION NAME

Y E A R S

MONTH

444

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

03923 MCCONNELL AFB KS

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

HOURS: 11:30 - 1:30

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS
STATION STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
86 / 85								.1	.1									2	2				
84 / 83				.2	.4	.6	.2											13	13				
82 / 81				.6	.7	.2	.1											14	14				
80 / 79			.6	1.1	.6	1.3	.2	.1		.1	.1							37	37				
78 / 77		.1	.7	2.2	.7	1.4	.3	.1	.1									51	51	4			
76 / 75		.1	1.2	3.2	2.8	.8	.3	.2	.1									79	79	19	3		
74 / 73		.4	2.2	2.4	1.9	1.7	.4	.1										83	83	25	15		
72 / 71		.2	1.9	3.0	1.9	1.6	.4	.1										82	82	62	26		
70 / 69		1.3	4.7	2.1	2.1	1.0												101	101	69	46		
68 / 67		2.2	3.4	2.2	1.6	1.0		.1	.1									96	96	103	69		
66 / 65	.2	1.0	4.1	2.2	1.2	.4	.2											85	85	113	93		
64 / 63		2.7	2.9	1.2	1.2	.3												75	75	103	91		
62 / 61	.1	2.4	1.9	2.2	.3	.2												65	65	111	109		
60 / 59	.2	1.4	1.4	1.1	.8	.1												46	46	93	93		
58 / 57		.6	3.3	1.2	.1													47	47	64	94		
56 / 55		.4	.9	.2	.1													15	15	56	59		
54 / 53		.3	.2	.1	.1													7	7	43	62		
52 / 51																				26	62		
50 / 49		.1		.1														2	2	6	35		
48 / 47																				2	19		
46 / 45																				1	16		
44 / 43																					3		
42 / 41																					2		
40 / 39																					2		
38 / 37																					1		
TOTAL	.6	13.4	29.4	25.6	16.4	10.7	2.3	.9	.4	.1	.1								900	900	900		
																		900		900			
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.	5133328		67192		74.7		11.404		900		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			90				
Dry Bulb	4283729		61793		68.7		6.761		900				55.8	27.9	4.5				90				
Wet Bulb	3638456		56972		63.3		5.966		900				28.2	4.8					90				
Dew Point	3283551		54023		60.0		6.736		900				15.9	1.8					90				

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS
STATION STATION NAME

69-70,73-80
YEARS

MON

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
100 / 99															.2			2	2							
98 / 97												.1			.1			2	2							
96 / 95													.1				.1	2	2							
94 / 93							.1		.2		.2	.1	.2					8	8							
92 / 91							.2	.6	.7		.2				.1	.1		17	17							
90 / 89						.1	.1	.9	.7	.7	.6							27	27							
88 / 87					.1	.2	1.2	1.3	.8	.2	.1		.2					38	38							
86 / 85					.1	1.1	1.7	1.1	1.0	.3	.6	.3	.2					58	58							
84 / 83					.8	2.3	1.1	1.2	1.0	.1	.4	.2		.2				67	67	1						
82 / 81				.3	1.6	2.6	1.9	.7	1.2	.7	.3							83	83							
80 / 79				1.6	2.1	2.2	2.0	1.6	1.2	.3	.3							102	102	6	1					
78 / 77			.2	.9	2.0	2.1	1.6	.9	.8	.2	.1							79	79	16	2					
76 / 75		.1	.4	1.3	2.0	1.6	1.6	1.7	1.2	.2								91	91	55	4					
74 / 73		.1	.4	1.8	1.2	1.3	.8	1.2	.2									64	64	93	12					
72 / 71			1.2	2.4	.9	.9	2.4	.6	.2									78	78	97	52					
70 / 69		.4	2.3	1.0	.4	.3	1.1	.2	.1									54	54	101	91					
68 / 67		.4	1.0	.7	.7	.8	.7	.1	.2	.1								42	42	116	71					
66 / 65		.4	.4	.6	.4	.8	.2	.1	.1									28	28	112	103					
64 / 63		.9	.2	.7	.4	.2												22	22	82	101					
62 / 61		.2	.9		.2	.2	.1											15	15	68	89					
60 / 59		.1	.7		.2													9	9	67	70					
58 / 57		.2	.6															7	7	36	48					
56 / 55		.3	.1															4	4	28	45					
54 / 53		.1																1	1	13	60					
52 / 51																				8	49					
50 / 49																				1	42					
48 / 47																					27					
46 / 45																					20					
44 / 43																					5					
42 / 41																					1					
40 / 39																					2					
38 / 37																					2					
36 / 35																					2					
34 / 33																					1					
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature												Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						Total				
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

PSYCHROMETRIC SUMMARY

JUN

YEARS

MONTH

1200-1400

HOURS		S. T.	
1200	140		

[illegible]

2

0.97 - .932'

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

150C-170C

HOURS: 11.57.1

USAFETAC FORM 0-26.3 (OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

1800-2000

HOUS S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923
STATION

MCCONNELL AFB KS
STATION NAME

69-70,73-80
YEARS

YEARS

PAGE 1

JUN
MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
178/107																.0	.1	8	8								
176/105																.0	.0	7	7								
104/103													.0	.0		.0	.0	7	7								
172/101												.0	.0	.0		.0	.1	12	12								
170/ 99											.0	.1	.0	.1	.1	.0	.0	26	26								
98/ 97									.0		.1	.1	.1	.1	.1	.0	.0	45	45								
96/ 95									.0	.3	.4	.2	.2	.1	.0	.0	.0	95	95								
94/ 93							.0	.1	.3	.4	.4	.3	.2		.0	.0	.0	130	130								
92/ 91							.1	.4	.3	.5	.5	.4	.1	.1	.1			175	175								
90/ 89						.1	.2	.6	.6	.6	.5	.3	.0	.1	.0	.0		226	226								
88/ 87				.0	.1	.2	.6	1.1	.7	.5	.5	.1	.2	.1		.0		287	287								
86/ 85					.1	.6	1.3	.7	.8	.3	.4	.2	.1	.1	.0			337	337								
84/ 83			.0	.2	.4	1.1	.8	.9	.6	.4	.4	.1	.0	.0				362	362	1							
82/ 81			.0	.3	.9	1.3	1.1	.9	.6	.6	.4	.1	.0	.0				451	451	3							
80/ 79		.0	.3	.9	1.0	1.5	1.1	1.0	.6	.6	.2	.1	.0					519	519	49	3						
78/ 77		.1	.6	1.4	1.3	1.5	.8	.5	.4	.5	.1	.0						518	518	194	10						
76/ 75	.0	.1	.8	1.6	1.7	1.1	.9	.6	.6	.3	.0							564	564	378	57						
74/ 73		.2	1.2	1.7	1.4	1.2	.6	.7	.2	.1	.0							526	526	549	126						
72/ 71		.3	1.3	1.9	1.2	1.0	.6	.3	.1	.1								490	490	750	326						
70/ 69		.7	2.5	1.5	1.1	.5	.4	.1	.1									497	497	726	559						
68/ 67	.0	.8	1.9	1.4	.9	.6	.2	.1	.0	.0								438	438	790	603						
66/ 65	.1	.7	2.0	1.2	.7	.4	.2	.0	.0									385	385	796	682						
64/ 63	.0	1.2	1.4	1.0	.7	.3	.0											330	330	734	725						
62/ 61	.0	1.2	1.3	1.2	.3	.1	.0											293	293	664	708						
60/ 59	.0	.7	.9	.8	.3	.0												193	193	542	711						
58/ 57		.5	1.4	.3	.1													171	171	390	605						
56/ 55		.3	.5	.1	.0													72	72	295	450						
54/ 53		.2	.2	.0	.0													28	28	210	412						
52/ 51		.0	.0	.0														2	2	95	432						
50/ 49	.0	.0	.0	.0														5	5	25	305						
48/ 47		.0																1	1	6	192						
46/ 45																				3	151						
44/ 43																					61						
42/ 41																					29						
Element (X)	Σ X ²				Σ X				X̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

2

JUN

YEARS

MONTH

ALL

HOURS L. S. T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

03423	MCCONNELL AFB KS
STATION	STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923
STATIC

MCCONNELL AFB KS

69-70, 73-80

JUL

MONTH

PAGE 1

0300-0500

HOURS 1 5 7 1

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

0600-2800

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923	MCCONNELL AFB KS
STATION	STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

1200-1400

HOURS (L, S, T,)

[illegible]

JUL

MONTH

1200-1400

HOURS 14 S. T. 1

[illegible]

JUL

YEARS

HOURS (L - S - T -)

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

2

PSYCHROMETRIC SUMMARY

JUL

MONTH

1500-1700

HOURS L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
106/105																		.1	.5	6	6														
104/103																		.3	.5	8	8														
102/101																.2	.4	.4	.3	13	13														
100/99													.2	.3	.5	.9	.2	.2	22	22															
98/97										.1	.4	.9	.6	1.1	.5	.2			36	36															
96/95									.1	.5	1.3	1.7	2.6	1.1	.1			.1	70	70															
94/93								.2	.5	.8	2.7	1.8	1.9	.8	.2			.1	84	84															
92/91							.1	.8	1.2	2.6	3.4	1.8	.9	.8					107	107															
90/89					.1	.4	.5	1.3	1.7	3.4	2.0	1.5	.4	.3					110	110															
88/87					.2	.5	.8	2.0	2.8	2.0	1.4	.4	.3	.2					100	100															
86/85				.1	.1	.5	1.6	2.7	1.6	.9	1.0	.4							83	83															
84/83				.1	.5	.9	1.4	1.7	1.2	.4	.3	.1							66	66															
82/81					.6	.5	1.0	1.1	1.3	.8	.2	.1	.1						53	53	1														
80/79				.4	.9	1.6	.6	1.1	.6	.1	.1	.4							55	55	16	1													
78/77			.2	.3	.8	.9	1.1	.5	.2	.2	.2								41	41	44	3													
76/75		.1	.6	.2	.5	.3	.5	.2		.2									26	26	97	9													
74/73		.2	.1	.3	.3	.5	.1			.2									17	17	169	26													
72/71			.2	.8	.3	.1	.1												14	14	219	39													
70/69			.4	.2	.2		.1												9	9	140	67													
68/67			.3	.3		.1													7	7	101	78													
66/65				.1	.1														2	2	67	144													
64/63																					41	115													
62/61																					17	111													
60/59																					5	95													
58/57																					10	81													
56/55																					2	51													
54/53																						31													
52/51																						11													
50/49																						2													
48/47																						1													
46/45																																			
44/43																																			
42/41																																			
40/39																																			
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

03423

MCCONNELL AFB KS

69-7C, 73-8C

JUL

STATION

STATION NAME

YEARS

42974

PAGE 2 1800-20

1826-26

[illegible]

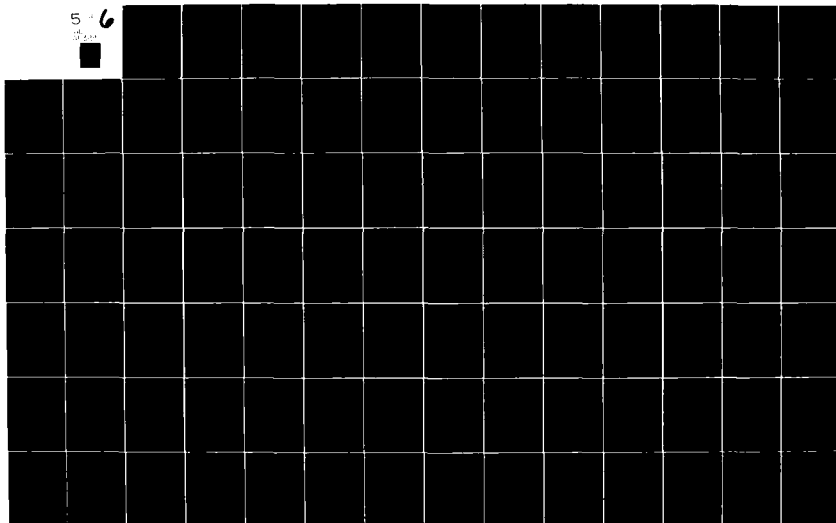
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MCCONNELL AFB, WICHITA, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
DEC 81

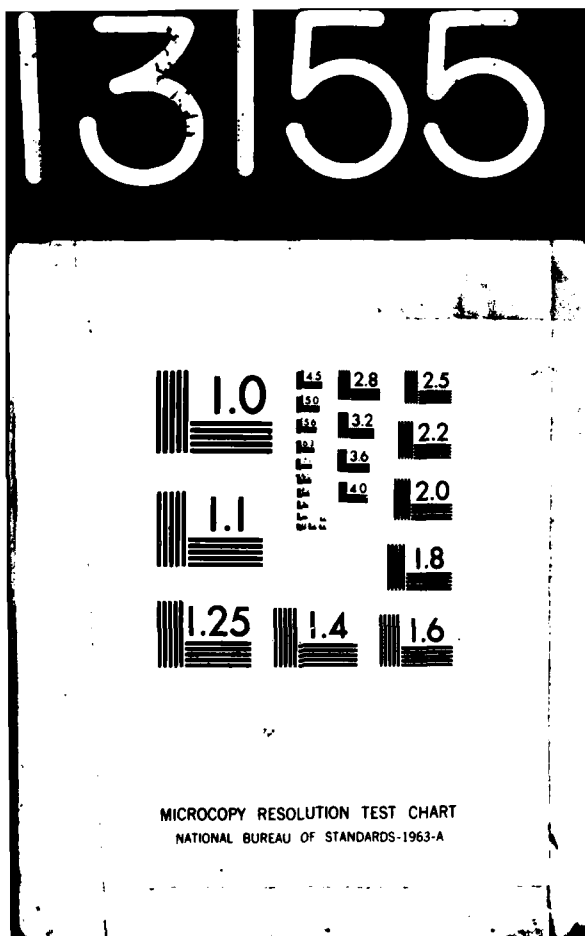
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS L. S. T. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 95												.2						2	2					
94/ 93									.1		.1	.4	.1	.3		.1		11	11					
92/ 91									.3	.3	1.0	.3	.3	.1	.2			24	24					
90/ 89								1.0	1.5	1.3	.6	.4	.2	.1				48	48					
88/ 87							.8	2.4	1.3	1.6	.5	.2						63	63					
86/ 85					.3	1.1	2.4	2.6	2.4	1.6	.8							103	103					
84/ 83			.1	.1	.9	1.8	2.7	4.0	2.4	1.0	.3							123	123					
82/ 81			.2	.2	.9	1.9	4.0	2.4	1.0	.6	.2							106	106					
80/ 79			.5	1.1	1.7	2.4	2.5	1.3	.6	.3								97	97	2				
78/ 77			.3	1.4	2.7	2.8	1.0	.6	.6	.1								89	89	9	3			
76/ 75		.2	1.0	2.6	2.4	1.0	1.4	.3	.4									86	86	56	8			
74/ 73		.4	.5	2.3	1.1	1.1	.3	.3	.1									57	57	113	11			
72/ 71		.2	.3	.9	1.4	1.5	.2	.3	.2									47	47	173	41			
70/ 69			.8	.6	.9	.1	.3	.1	.2									28	28	206	85			
68/ 67			1.6	.5	.3	.1	.3	.1										28	28	134	108			
66/ 65			1.1	.1			.1											12	12	83	139			
64/ 63					.1	.2	.1											4	4	75	139			
62/ 61				.1														1	1	46	114			
60/ 59			.1															1	1	14	84			
58/ 57																				7	72			
56/ 55																				7	52			
54/ 53																				4	16			
52/ 51																					1			
50/ 49																					22			
48/ 47																					15			
46/ 45																					8			
44/ 43																					1			
42/ 41																					7			
TOTAL		.9	6.6	9.9	12.6	14.0	16.0	15.4	11.2	6.9	3.5	1.6	.6	.5	.2	.1		930	930	930	930			
Element (X)	ΣX ²		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	3199531		53003		57.0		13.872		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		93					
Dry Bulb	6019842		74588		80.2		6.372		930				91.2	80.9	53.1	1.3	93		93					
Wet Bulb	4427944		64044		68.9		4.351		930				69.3	18.0	.1		93		93					
Dew Point	3701115		58407		62.8		5.957		930				25.6	2.2			93		93					

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
110/109																	.1	9		9																	
108/107																	.0	.4	32		32																
106/105																.0	.2	.6	58		58																
104/103															.0	.1	.2	.3	49		49																
102/101													.1	.3	.3	.3	.1	84		84																	
100/ 99										.0	.1	.3	.5	.6	.5	.2	.0	169		169																	
98/ 97										.1	.2	.9	.8	.8	.3	.1		245		245																	
96/ 95								.0	.1	.4	.9	1.2	1.1	.6	.2	.0	.0	335		335																	
94/ 93							.0	.1	.4	.4	1.2	1.1	.8	.3	.1	.0	.0	337		337																	
92/ 91						.0	.1	.3	.7	1.3	1.4	.7	.3	.2	.0			379		379																	
90/ 89					.1	.1	.2	.9	1.2	1.5	.9	.5	.2	.1	.0			424		424																	
98/ 87					.0	.2	.5	1.5	1.3	1.2	.5	.3	.2	.1				420		420																	
96/ 85				.0	.1	.6	1.4	1.8	1.3	.7	.4	.2	.0					493		494																	
94/ 83		.0	.1	.4	1.2	1.4	1.7	1.0	.5	.2	.2	.1						506		506																	
92/ 81			.1	.2	1.0	1.3	1.8	1.3	.7	.4	.1	.1	.0					521		522		15															
90/ 79		.1	.2	.7	1.5	2.1	1.5	1.0	.5	.1	.1	.1						589		591		88															
78/ 77		.1	.3	1.3	2.0	2.2	.8	.6	.2	.1	.0							565		568		223		21													
76/ 75		.2	1.0	2.0	2.4	1.0	.8	.3	.2	.1								581		582		643		60													
74/ 73		.3	1.6	2.2	1.2	.8	.3	.1	.0	.0								496		496		1081		121													
72/ 71		.3	1.3	1.4	1.1	.7	.2	.1	.0									380		380		1401		333													
70/ 69	.0	.3	1.2	.7	.7	.2	.2	.0	.0									252		252		1263		609													
68/ 67	.0	.1	1.2	.9	.5	.2	.1	.0										234		234		998		947													
66/ 65	.0	.0	1.0	.6	.3	.1	.0											151		151		614		1160													
64/ 63		.0	.3	.4	.1	.1	.0											64		64		454		1049													
62/ 61		.0	.1	.1	.1	.1												26		26		335		858													
60/ 59			.0	.1	.1													17		17		150		716													
58/ 57			.0	.0	.0													8		8		94		547													
56/ 55			.0	.0														4		4		31		377													
54/ 53			.0															2		2		21		216													
52/ 51			.0															1		1		15		164													
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 43																																					
Element (X)	Σ X ¹					Σ X					Σ					Σ					No. Obs.					Mean No. of Hours with Temperature										Total	
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

22

JUL

MONTH

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

HOURS: 11:55 T 1

USAFETAC FORM 0-26-3 (OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)
(11/1/71)

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
90/ 89											.1							1	1															
88/ 87										.1				.1				2	2															
86/ 85								.4	.1	.1			.1					7	7															
84/ 83							.6	.5	.3	.2		.3						19	19															
82/ 81					.2	.8	2.0	.5	.1			.1						35	35															
80/ 79				.4	1.0	2.4	1.6	1.1										60	60															
78/ 77			.4	1.0	2.8	3.0	1.6	.8										89	89															
76/ 75			2.0	3.1	4.7	1.7	1.7	.3	.1									128	128															
74/ 73		.5	3.3	3.0	2.6	2.7	.6											119	119	13														
72/ 71	.3	2.9	3.2	3.5	1.8	1.2	.5	.1	.2									129	129	98	18													
70/ 69	.2	1.7	4.9	2.2	2.3	1.0	.3	.1	.1									119	119	180	77													
68/ 67		1.5	3.3	1.6	2.0	.5	.3	.1										88	88	159	99													
66/ 65	.1	.5	2.7	1.1	.8	.2		.1										51	51	149	144													
64/ 63	.1	1.3	1.0	1.1	.5	.2												39	39	115	149													
62/ 61	.1	.8	.5	1.0	.1	.1	.1											25	25	87	101													
60/ 59		.3	.5	.3	.1													12	12	57	105													
58/ 57			.4	.1		.1												6	6	33	70													
56/ 55				.1														1	1	27	62													
54/ 53																				8	43													
52/ 51																				3	26													
50/ 49																				1	9													
48/ 47																					8													
46/ 45																					10													
44/ 43																					5													
42/ 41																					3													
40/ 39																					1													
TOTAL	.9	9.6	22.5	18.5	18.9	13.9	9.6	4.1	1.0	.4	.1	.4	.1	.1				930	930	930	930													
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Num.	4617376	65690	70.6	13.819	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							

PSYCHROMETRIC SUMMARY

J3923

MCCONNELL AFB KS

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS 11 A.M. - 7 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
102/101															.1			1	1						
100/ 99														.2				2	2						
98/ 97												.1	.3	.3	.2	.1		10	10						
96/ 95											.2	.6	.5	.2		.1		16	16						
94/ 93										.2	1.1	1.5	.3					29	29						
92/ 91								.1	.4	1.9	.6	.8	.3					39	39						
90/ 89								.9	2.7	1.6	1.2	.6			.1			66	66						
88/ 87							1.3	1.9	2.0	2.0	.6	.4	.1					79	79						
86/ 85					.2	1.1	2.6	2.4	1.5	1.3	.8		.1	.1				93	93						
84/ 83					.8	1.7	2.2	2.6	1.1	.6	.1							84	84						
82/ 81				1.1	1.6	2.3	2.3	2.6	1.6	.3	.1	.1	.1					112	112						
80/ 79		.1	1.2	2.3	2.6	2.0	1.4	1.3	.2			.1						104	104						
78/ 77			.4	1.8	1.1	2.5	1.2	.3	.1	.2	.2							73	73	7					
76/ 75			1.0	1.7	1.8	1.4	.9	.4	.5	.2	.1							75	75	75					
74/ 73		.2	1.7	1.2	.5	.9	.6	.3	.1	.1								53	53	170	14				
72/ 71		.5	1.8	.5	.4	.2	.2	.2										37	37	192	47				
70/ 69		.3	.5	.3	.2	.3	.2	.1										19	19	163	102				
68/ 67		.4	.5	.1	.3	.1												14	14	138	132				
66/ 65		.1	.9		.1													10	10	72	165				
64/ 63	.1	.5	.2															8	8	48	100				
62/ 61		.2	.1	.1														4	4	30	112				
60/ 59			.2															2	2	21	88				
58/ 57																				12	58				
56/ 55																				2	41				
54/ 53																					24				
52/ 51																					16				
50/ 49																					15				
48/ 47																					4				
46/ 45																					2				
44/ 43																					6				
42/ 41																					3				
40/ 39																					1				
TOTAL	.1	2.4	7.5	8.1	9.4	13.0	13.4	13.2	11.4	8.8	5.1	4.3	1.8	1.0	.3	.2		930	930	930	930				
Element (X)	ΣX ²			ΣX			Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3141628			52014			55.9		15.821		930		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	6244442			75914			81.6		7.168		930						90.6		83.6		58.8		5.8		93
Wet Bulb	4518626			64710			69.6		4.158		930						74.5		25.2						93
Dew Point	3757151			58867			63.3		5.776		930						29.5		1.4						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923
STATION

MCCONNELL AFB KS
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
108/107																	.1	1	1						
106/105																	.5	5	5						
104/103																.4	.4	.1	9	9					
102/101														.8	1.2	.2	.2	22	22						
100/ 99													.9	.8	1.2	.9	.1	35	35						
98/ 97										.1	.1	1.3	2.8	1.3	1.6	.1		68	68						
96/ 95										.4	1.8	3.0	1.4	2.2	.2			84	84						
94/ 93									.9	1.6	2.6	1.6	1.2	.5	.1			79	79						
92/ 91								.6	1.8	1.8	2.4	1.1	.6	.5				83	83						
90/ 89						.3	.3	1.2	2.2	1.8	1.4	1.4	.6	.1	.1			88	88						
88/ 87						.5	1.3	1.6	1.9	1.6	1.7	.8	.4	.1	.1			94	94						
86/ 85					.3	1.1	1.7	2.2	1.4	1.5	1.1	.5	.3	.1	.2			97	97						
84/ 83				.1	.3	1.9	1.5	1.3	.6	1.0	.5	.2						70	70						
82/ 81				.3	.5	1.2	1.0	.4	.6	.3	.3	.2						46	46						
80/ 79				.9	.5	1.4	.3	.2	.4	.5	.3	.2						45	45		9				
78/ 77			.5	.2	.5	.9	.1	.2	.2	.1	.1							27	27		44				
76/ 75			.5	.9	.3	.4	.2	.1	.3									26	26	138	5				
74/ 73		.1	.3	.3	.2	.3												12	12	215	26				
72/ 71		.5	.5	.3	.2	.2												17	17	186	49				
70/ 69		.3	.2	.1	.1													7	7	133	84				
68/ 67			.6		.1													7	7	84	98				
66/ 65	.1	.1	.4	.2														8	8	50	152				
64/ 63																				35	113				
62/ 61																				22	95				
60/ 59																				12	68				
58/ 57																				2	75				
56/ 55																					64				
54/ 53																					28				
52/ 51																					27				
50/ 49																					18				
48/ 47																					13				
46/ 45																					3				
44/ 43																					4				
42/ 41																					5				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

AUG

PAGE 2 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
4C / 39																					1			
3b / 37																					1			
36 / 35																					1			
TOTAL	.1	1.1	3.2	3.3	3.2	8.3	6.5	7.8	10.4	10.9	12.4	10.3	8.3	6.3	5.2	1.6	1.1		930		930			
																			930		930			
													</											

YEARS

PAGE 1 1500-1700

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

2

YEARS

AUG

STATION NAME

1800-2000

MONTH

MONTH

NO. 95

NO. 95

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1800-2000
HOURS U. S. A.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS
STATION NAME

69-70, 73-80

YEARS

AUG
MONTH

PAGE 2

ALL

HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 0000-0200
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL						
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point								
86 / 85									.2									2	2										
84 / 83						.3	.1	.2										6	6										
82 / 81			.1			.7	.8	.2										16	16										
80 / 79				.3	.3	1.6	1.4	.3										36	36										
78 / 77			.3	.3	1.7	1.8	.7	.1										44	44	1									
76 / 75		.3	1.2	1.8	1.8	.1	.8	.2	.1									57	57	1	1								
74 / 73		.3	1.3	2.9	.6	.7	.1		.2									55	55	13	4								
72 / 71	.1	.1	2.6	1.6	.8	1.1	.1	.2										59	59	37	12								
70 / 69		1.4	3.8	1.0	.8	.6	.6	.1										74	74	86	21								
68 / 67	.1	2.2	1.6	1.7	1.7	.9	.2	.2										77	77	118	57								
66 / 65	.9	2.2	2.2	1.8	1.6	.3	.4	.1										86	86	72	126								
64 / 63	.1	2.9	1.4	2.0	.4	.4												66	66	64	80								
62 / 61		2.0	1.7	1.3	1.3	.2	.3											62	62	80	56								
60 / 59	.2	2.1	1.9	.7	.8	.3	.3											57	57	92	80								
58 / 57	.4	1.3	2.1	.7	1.6	.7												61	61	71	75								
56 / 55	.3	1.1	.7	1.2	1.2	.1												42	42	48	69								
54 / 53	.2	.3	1.8	1.9	.3													41	41	52	60								
52 / 51	.1	.6	.7	.8	.2													21	21	31	43								
50 / 49	.1	.4	1.1	.2														17	17	56	28								
48 / 47	.1	.8	.7	.1														15	15	45	39								
46 / 45		.1	.2															3	3	21	44								
44 / 43		.3																3	3	6	35								
42 / 41																				6	33								
40 / 39																					22								
38 / 37																					14								
36 / 35																					1								
TOTAL	2.8	18.7	25.3	20.2	15.0	9.8	5.9	1.8	.6									900	900	900	900								
Element (X)	Σ x'			Σ x			x̄			s _x			Mean No. of Hours with Temperature																
Rel. Num.	5149207			66915			74.4			13.915			900			≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	3950816			59130			65.7			8.567			900							42.6		21.6		3.8				90	
Wet Bulb	3338255			54381			60.4			7.633			900							25.6		1.5						90	
Dew Point	2979831			51199			56.9			8.648			900							9.5		.5						90	

PSYCHROMETRIC SUMMARY

SEP

MONTH

0300-0500

HOURS: 11:55 - 1:00

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONIA

0600-0800

HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

YEARS

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1200-1400
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

YEARS

1500-1700

HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

SEP

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (UL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

SEP

MON*H

1800-2000

HOURS L. S. T.

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2.2

YEARS

PAGE 2 1800-2000
HOURS: S. T. 1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923 MCCONNELL AFB KS
STATION STATION NAME

69-70, 73-83

YEARS

SEP
MONTH

PAGE 1

ALL

HOURS 11 S. T.

[illegible]

2

1

NO. 15 L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

OCT

YEARS

0000-0200

NO. 85 S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

OCT

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

MONTH

1200-1400

HOURS IN S. T.

USAFETAC FORM 0-26-3 (OL A; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

OCT

MONTH

1200-1400

HOUS. S. Y.

[illegible]

2

OCT

MONTH

1500-1700

HOURS 11.5.7.0

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

OCT

YEARS

MONTH

1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
20 / 19																																
18 / 15																																
14 / 13																																
TOTAL	.8	10.2	12.5	12.4	15.8	12.9	11.5	9.5	6.2	3.9	2.5	.5	.9	.5				930			930											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07423 MCCONNELL AFB KS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

1428

PAGE 1

2100-2300

40.95 5.7

2

2

OCT

MONTH

2100-2300

NOJAS S. T.

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923

MCCONNELL AFB KS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
94 / 93														.0		.1	.0	7	7					
92 / 91												.0	.0	.0	.0		.0	12	12					
90 / 89											.0	.1	.0	.1	.1	.1		24	24					
90 / 87									.0		.2	.1	.1	.1	.0	.0		40	40					
86 / 85						.0	.0	.1	.1	.1	.2	.1	.1	.0				61	61					
84 / 83					.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.0			68	68					
82 / 81					.1	.1	.1	.1	.3	.3	.1	.2	.1	.0				96	96					
80 / 79				.0	.1	.1	.1	.3	.3	.2	.2	.1	.1	.0				125	125					
78 / 77				.2	.1	.2	.3	.2	.3	.2	.3	.2	.1					161	161					
76 / 75			.0	.1	.2	.3	.3	.4	.2	.3	.3	.2	.1					192	192	4				
74 / 73		.0	.2	.3	.4	.4	.4	.3	.4	.4	.5	.1	.0					258	258	23				
72 / 71		.1	.3	.5	.6	.6	.4	.4	.5	.3	.3	.1	.0					298	298	44	13			
70 / 69		.4	.3	.4	.9	.4	.5	.5	.5	.4	.2	.1						326	326	102	33			
68 / 67		.3	.4	.6	.8	.4	.7	.6	.3	.4	.1							334	334	188	78			
66 / 65	.1	.4	.7	.9	.6	.4	.8	.6	.3	.2	.0							381	381	234	97			
64 / 63		1.1	.8	.7	.5	.6	.6	.7	.5	.1								415	415	304	114			
62 / 61	.1	1.0	.9	.8	.7	1.0	.6	.7	.2	.0								443	443	470	191			
60 / 59	.1	.9	1.2	.9	.8	.9	.8	.4	.1									460	460	434	265			
58 / 57	.2	1.1	1.1	1.0	.8	.9	.6	.3	.1									462	462	466	393			
56 / 55	.2	1.1	1.1	.6	1.1	.8	.5	.2	.0									420	420	534	376			
54 / 53	.3	1.4	1.2	1.1	1.3	.7	.3	.1										478	478	549	378			
52 / 51	.3	1.1	1.3	1.0	.9	.5	.3	.1										410	410	589	369			
50 / 49	.1	.7	1.3	1.2	.9	.3	.3	.0										361	361	503	349			
48 / 47	.1	1.2	1.1	1.2	.6	.3	.1											346	346	579	422			
46 / 45	.1	1.1	1.3	1.2	.6	.1												322	322	516	462			
44 / 43	.0	.7	1.4	.7	.3	.1												243	243	419	457			
42 / 41	.0	.8	1.4	.6	.3	.0												231	231	385	431			
40 / 39	.1	.9	1.0	.4	.1	.0												184	184	377	430			
38 / 37		.5	.7	.3	.1	.0												113	113	281	517			
36 / 35	.1	.4	.6	.2	.0	.0												94	94	180	489			
34 / 33	.1	.3	.1	.0														38	38	127	437			
32 / 31	.0	.2	.0															19	19	83	413			
30 / 29		.0	.1															6	6	24	203			
28 / 27		.1	.0															7	7	12	191			
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

2

PAGE 2

69-70, 73-80

U C T

404

ALL

PAGE 2

NOV 25 1964

USAFETAC FORM 0-26-3 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

2

NOV

STATION

STATION NAME

YEARS

MONTH

0000-0200

HD:BS S. 7

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0000-0200
HOURS L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

NOV

HOURS L. S. T.

USAFETAC FORM 0-26-3 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(1 IN 7)

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

0620-0820

HOURS 14-5:30

[illegible]

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

0600-0800

NOV 19 1954

[illegible]

PSYCHROMETRIC SUMMARY

NOV

YEARS

NO. 15 S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1500-1700

USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 73

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS
STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 1

ALL

HOURS 14. S. T. 1

[illegible]

PSYCHROMETRIC SUMMARY

NOV

YEARS

MONTH

ALL

HOURS 11.5. T.

[illegible]

2

PSYCHROMETRIC SUMMARY

DEF C

MOB: 4

0600-0840

MO. 95 S. 7.

USAFETAC FORM 0-26-3 (OIA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

10

DEC
MONTH

HOURS: 11.5, 5.7, 1.1

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

• • • • •

DEC

MONTH

1200-1400

HOURS IN S.T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

63923 MCCONNELL AFB KS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

HOUS. S. T.

PSYCHROMETRIC SUMMARY

<u>07923</u>	<u>MCCONNELL AFB KS</u>
STATION	STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923
STATION

MCCONNELL AFB KS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
-2/-3																					3		
-5/-9																					3		
-10/-11																					3		
-16/-17																					3		
TOTAL	5.0	25.9	30.6	20.0	10.0	4.4	2.6	1.1	.4										927	927	927		
																			927	927			
																					</		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923

MCCONNELL AFB KS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
66 / 65			.2															2	2						
64 / 63			.1				.1											2	2						
62 / 61		.1	.1		.4													6	6	3					
60 / 59		.1	.1															2	2	2	3				
58 / 57		.3	.2															5	5	1	2				
56 / 55		1.0			.2	.2	.1											14	14	8	1				
54 / 53		.4			.1													5	5	12	11				
52 / 51		.1	.1	.3	.1	.1												7	7	4	5				
50 / 49	.2	.1	.3	.2	.5	.1	.2											16	16	4	6				
48 / 47		.3	.4	.4	.2	.3												16	16	4	5				
46 / 45		.8	.2	1.0	.8	.5	.1	.1										32	32	16	3				
44 / 43	.3	.8	1.6	.9	.5	.3	.1											42	42	18	9				
42 / 41	.1	1.4	2.3	1.1	1.6	.3	.1											64	64	19	11				
40 / 39		1.7	1.9	1.4	.8													54	54	43	14				
38 / 37	1.7	2.3	2.6	1.6	.1													77	77	74	31				
36 / 35	1.0	1.8	2.2	2.5	.1													70	70	75	44				
34 / 33	1.3	4.4	4.0	1.8	.1													108	108	94	64				
32 / 31	2.2	4.0	3.6	1.8	.1													108	108	114	84				
30 / 29	.3	3.1	1.9	1.0	.1													60	60	86	56				
28 / 27		3.3	1.8	.9														56	56	88	52				
26 / 25		2.6	1.7	.1														41	41	58	84				
24 / 23	.3	1.2	1.2															25	25	55	53				
22 / 21	.2	1.9	1.1															30	30	33	70				
20 / 19		1.2	.9															19	19	27	71				
18 / 17	.1	.9	1.1															19	19	23	64				
16 / 15		1.1	.2															12	12	18	31				
14 / 13		1.3	.2															14	14	12	18				
12 / 11		.5	.4															9	9	13	27				
10 / 9		.4	.1															5	5	11	41				
8 / 7		.1																1	1	4	13				
6 / 5			.2															2	2	2	9				
4 / 3		.1																1	1	2	11				
2 / 1	.3																	3	3	4	15				
0 / -1																					6				
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07923 MCCONNELL AFB KS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS: 9 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-2 / -3																						4
-6 / -7																						2
-8 / -9																						4
-16 / -17																						2
-18 / -19																						1
TOTAL	9.1	37.4	30.9	15.0	5.8	1.9	.8	.1												927		927
																			927		927	
					</																	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

53923
STATION

MCCONNELL AFB KS

69-70, 73-80

DEC

MONTH

PAGE 1

ALL

HOURS L, S, T.

[illegible]

PSYCHROMETRIC SUMMARY

DEC

MONTH

ALL

HOURS: L, S, T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

43923

MCCONNELL AFB KS

69-70, 73-81

ALL

STATION

STATION NAME

YEARS

ALL MONTH

PAGE 1

ALL

ALL
NO. 85 S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po															
110/109																	.0	10	10																	
108/107																	.0	.0	44	44																
106/105																	.0	.1	76	76																
104/103														.0	.0	.0	.0	.0	86	86																
102/101												.0	.0	.0	.1	.0	.0	155	155																	
100/ 99										.0	.0	.0	.1	.1	.1	.0	.0	327	327																	
98/ 97									.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	524	524																
96/ 95								.0	.0	.1	.2	.2	.2	.2	.1	.0	.0	.0	719	719																
94/ 93							.0	.0	.1	.1	.2	.2	.2	.2	.1	.0	.0	.0	796	796																
92/ 91							.0	.0	.1	.1	.3	.3	.2	.1	.1	.0	.0	.0	964	964																
90/ 89					.0	.0	.1	.2	.3	.3	.2	.2	.0	.1	.0	.0		1180	1180																	
88/ 87				.0	.0	.0	.2	.4	.3	.3	.2	.1	.1	.0	.0	.0		1385	1385																	
86/ 85				.0	.0	.2	.4	.4	.3	.2	.2	.1	.1	.0	.0			1697	1698																	
84/ 83			.0	.0	.1	.4	.4	.5	.3	.2	.1	.1	.0	.0	.0			1827	1827	1																
82/ 81			.0	.1	.3	.4	.5	.4	.3	.2	.1	.1	.0	.0				2120	2121	18																
80/ 79		.0	.1	.2	.4	.7	.5	.4	.2	.2	.1	.1	.0	.0				2543	2545	158																
78/ 77		.0	.1	.4	.6	.7	.4	.3	.2	.1	.1	.0	.0	.0				2630	2633	571																
76/ 75	.0	.1	.3	.6	.8	.5	.4	.3	.2	.2	.1	.0	.0	.0				2959	2960	1643																
74/ 73	.0	.1	.5	.8	.6	.5	.3	.2	.1	.1	.1	.0	.0					2972	2972	2995																
72/ 71	.0	.2	.6	.8	.5	.5	.3	.2	.2	.1	.1	.0	.0					3116	3116	4223																
70/ 69	.0	.3	.9	.5	.6	.3	.3	.2	.2	.1	.1	.0	.0					3086	3086	4492																
68/ 67	.0	.3	.9	.6	.5	.4	.3	.3	.2	.1	.0	.0	.0					3137	3137	4460																
66/ 65	.1	.3	.9	.6	.5	.3	.3	.2	.1	.1	.0	.0						2984	2985	3910																
64/ 63	.0	.6	.6	.6	.4	.3	.3	.2	.2	.0	.0							2734	2737	3674																
62/ 61	.0	.6	.6	.6	.3	.3	.3	.2	.1	.1	.0							2781	2781	3729																
60/ 59	.0	.6	.6	.5	.4	.3	.3	.2	.1	.0								2683	2685	3275																
58/ 57	.1	.6	.7	.4	.4	.4	.3	.2	.1	.0								2679	2679	3262																
56/ 55	.1	.5	.5	.4	.4	.4	.3	.2	.0	.0								2491	2492	3054																
54/ 53	.1	.5	.5	.5	.5	.4	.2	.1	.0									2409	2410	2741																
52/ 51	.1	.4	.5	.5	.5	.3	.3	.1	.0									2228	2231	2779																
50/ 49	.1	.4	.6	.6	.5	.3	.2	.0	.0									2351	2351	2533																
48/ 47	.1	.5	.6	.6	.5	.3	.1	.0										2321	2321	2798																
46/ 45	.1	.6	.6	.7	.5	.3	.1	.0										2409	2409	2874																
44/ 43	.1	.6	.7	.6	.5	.2	.0											2352	2353	2802																
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≤ 67 F			≤ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

ALL

ALL

[illegible]

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03923 MCCONNELL AFB KS 69-70,73-81 ALL
STATION STATION NAME YEARS MONTH

PAGE 3

ALL
HOURS (U.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb Wet Bulb Dew Point			
TOTAL	3.4	20.1	18.6	14.3	10.9	8.5	6.6	5.1	3.7	2.8	2.2	1.6	.9	.7	.4	.2	.2	87598	87598			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

37423 MCCONNELL AFB KS

69-70, 73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-17	MEAN	25.4	32.0	41.7	52.4	60.1	69.3	76.4	74.4	65.7	54.1	41.1	32.3	52.2
	S.D.	12.143	12.173	10.747	9.828	7.706	6.689	6.006	6.051	8.567	9.853	10.776	9.979	19.247
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
0-25	MEAN	24.0	30.0	39.6	50.1	57.8	66.8	73.4	71.6	63.4	51.9	39.5	30.8	50.0
	S.D.	11.802	11.812	10.645	9.897	7.841	6.663	5.586	5.653	8.363	9.826	10.673	9.978	18.797
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
1-04	MEAN	23.1	28.7	38.9	50.5	59.6	68.7	74.9	72.3	63.5	51.4	38.5	29.8	50.1
	S.D.	11.684	11.679	10.415	9.876	7.737	6.761	5.597	5.602	8.372	9.769	10.642	9.949	19.594
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
1-11	MEAN	26.9	34.0	43.2	58.5	67.4	77.0	84.6	81.6	71.8	60.0	44.7	34.8	57.3
	S.D.	12.721	13.119	11.289	10.296	7.908	7.860	7.265	7.168	9.542	10.387	11.245	10.340	21.513
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
1-14	MEAN	33.0	41.0	51.5	64.1	72.4	82.7	91.0	88.3	78.1	67.0	51.3	41.6	63.6
	S.D.	14.349	15.153	12.567	11.085	8.529	8.693	7.792	7.888	10.696	11.743	12.280	11.569	21.947
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
1-17	MEAN	34.7	43.4	53.7	65.7	73.5	84.5	92.4	89.8	79.2	68.1	52.0	42.6	65.1
	S.D.	14.741	15.866	13.131	11.301	8.553	9.823	8.308	7.747	10.840	11.882	12.343	11.565	21.992
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
1-21	MEAN	30.2	38.6	49.5	61.4	69.3	80.2	87.5	84.5	73.6	61.2	46.2	36.7	60.0
	S.D.	12.861	14.043	11.738	10.433	8.078	8.169	7.395	7.493	9.804	10.641	10.806	10.021	21.443
	TOTAL OBS	930	846	930	900	927	900	929	930	900	930	900	927	10949
1-23	MEAN	27.4	34.5	44.7	55.7	63.5	73.3	80.2	78.0	68.2	56.4	42.9	33.8	55.0
	S.D.	12.382	12.625	10.726	9.674	7.286	6.980	6.372	6.578	8.771	9.963	10.572	9.942	19.853
	TOTAL OBS	930	846	930	699	927	900	930	930	900	930	900	927	10949
ALL HOURS	MEAN	28.1	35.3	45.6	57.3	65.5	75.3	82.5	80.1	70.5	58.8	44.5	35.3	56.7
	S.D.	13.461	14.260	12.549	11.787	9.777	9.929	9.720	9.523	11.071	12.137	12.145	11.333	21.304
	TOTAL OBS	7440	6768	7440	7199	7434	7200	7439	7440	7200	7440	7200	7434	87634

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

07920 MCCONNELL AFB KS

69-70, 73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-07	MEAN	23.3	28.9	37.6	47.5	55.7	63.7	67.6	66.3	60.4	49.0	37.8	29.7	47.4
	S.D	11.272	10.410	9.601	9.260	7.613	6.037	4.463	4.570	7.633	9.221	10.323	9.461	17.283
	TOTAL OBS	930	846	930	899	929	900	928	930	900	930	897	930	10949
0-05	MEAN	22.2	27.4	36.3	46.1	54.2	62.3	66.4	65.1	59.3	47.7	36.7	28.6	46.1
	S.D	11.152	10.518	9.718	9.540	7.833	6.148	4.439	4.612	7.773	9.297	10.398	9.574	17.305
	TOTAL OBS	930	846	930	900	927	900	927	930	900	930	897	930	10947
0-03	MEAN	21.4	26.5	35.8	46.4	55.3	63.3	67.4	65.6	59.4	47.4	36.0	27.8	46.1
	S.D	11.124	10.682	9.634	9.542	7.715	5.966	4.295	4.498	7.788	9.363	10.429	9.647	17.877
	TOTAL OBS	930	846	930	900	928	900	928	930	900	930	897	930	10949
0-11	MEAN	24.3	30.2	39.8	51.0	59.4	66.8	71.0	69.6	63.5	52.0	40.0	31.2	50.0
	S.D	11.598	11.037	9.507	9.114	7.514	5.972	4.174	4.158	7.510	8.857	10.223	9.285	17.964
	TOTAL OBS	927	845	930	900	929	900	929	930	898	930	899	930	10947
10-14	MEAN	28.4	34.5	43.3	53.7	61.5	68.6	72.2	71.2	65.4	55.0	43.5	35.3	52.8
	S.D	11.962	11.214	9.480	8.892	7.420	5.940	4.140	4.033	7.382	8.767	10.181	9.366	17.077
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
10-17	MEAN	29.5	35.8	44.3	54.2	61.8	68.9	72.1	71.1	65.3	55.4	43.9	35.9	53.2
	S.D	11.908	11.082	9.341	8.730	7.135	5.907	4.111	3.865	7.224	8.585	10.080	9.285	16.678
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
10-20	MEAN	26.7	33.0	42.2	52.3	60.1	67.7	70.8	69.5	63.4	52.4	40.8	32.5	51.0
	S.D	11.279	10.524	9.037	8.679	7.230	5.907	4.181	4.046	7.198	8.550	9.892	8.973	17.097
	TOTAL OBS	930	845	930	900	927	900	929	930	900	930	900	927	10948
1-23	MEAN	24.9	30.6	39.5	49.5	57.7	65.5	68.9	67.6	61.4	50.1	38.9	30.6	48.8
	S.D	11.311	10.275	9.123	8.803	7.235	5.859	4.351	4.419	7.415	8.836	9.962	9.285	17.155
	TOTAL OBS	930	846	930	899	927	900	930	930	900	930	899	927	10948
ALL HOURS	MEAN	25.1	30.9	39.9	50.1	58.2	65.8	69.5	68.3	62.3	51.1	39.7	31.4	49.4
	S.D	11.762	11.164	9.889	9.557	7.953	6.415	4.754	4.848	7.839	9.387	10.542	9.756	17.507
	TOTAL OBS	7436	6766	7440	7108	7427	7200	7431	7440	7197	7440	7189	7434	87598

USAF ETAC FORM 0-89-5 (OLA)
OCT 78

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

0423 MCCONNELL AFB KS

69-73,73-81

STATION		STATION NAME											YEARS											
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL										
0-00	MEAN	14.0	23.1	32.1	42.4	52.1	60.3	62.9	61.5	56.9	44.1	33.1	24.4	42.7										
	S.D.	12.024	11.006	10.799	10.720	8.936	6.975	5.601	5.999	8.648	10.947	12.136	11.339	18.425										
	TOTAL OBS	930	846	930	899	929	900	928	930	900	930	897	930	10949										
0-05	MEAN	17.1	22.2	31.4	41.8	51.2	59.5	62.5	61.2	56.4	43.5	32.5	23.8	42.0										
	S.D.	12.783	11.347	10.833	10.833	8.905	6.839	5.380	5.934	8.663	10.732	12.196	11.300	18.505										
	TOTAL OBS	930	846	930	900	927	900	927	930	900	930	897	930	10947										
06-08	MEAN	16.5	21.6	31.2	42.0	51.8	60.0	63.3	61.8	56.6	43.3	32.1	23.3	42.1										
	S.D.	12.785	11.649	10.754	10.855	9.056	6.736	5.239	5.752	8.637	10.827	12.082	11.357	18.915										
	TOTAL OBS	930	846	930	900	928	900	928	930	900	930	897	930	10949										
06-11	MEAN	18.0	23.4	32.9	44.0	53.5	60.9	64.2	63.3	58.3	44.8	33.7	24.8	43.6										
	S.D.	13.074	11.663	10.903	11.111	9.918	7.643	5.700	5.776	8.936	11.023	12.272	11.166	18.930										
	TOTAL OBS	927	845	930	900	929	900	929	930	898	930	899	930	10947										
11-14	MEAN	19.6	24.8	33.7	44.4	53.9	60.8	62.9	62.5	57.7	44.8	34.3	25.5	43.8										
	S.D.	12.796	11.031	10.992	11.353	10.055	8.110	6.415	6.533	9.441	11.381	12.554	11.540	18.402										
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955										
15-17	MEAN	20.0	25.2	33.6	44.0	53.7	60.4	61.9	61.5	56.7	44.4	34.3	25.6	43.5										
	S.D.	12.483	10.514	10.607	11.336	9.974	8.381	6.790	6.716	9.532	11.547	12.533	11.677	18.027										
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955										
18-20	MEAN	19.5	24.6	33.3	43.8	53.4	60.6	62.1	61.5	57.0	44.3	33.7	25.1	43.3										
	S.D.	12.527	10.388	10.580	11.045	9.732	8.102	6.625	6.613	8.927	10.978	12.219	11.438	18.115										
	TOTAL OBS	930	845	930	900	927	900	929	930	900	930	900	927	10948										
1-23	MEAN	19.0	24.0	32.9	43.5	53.2	60.9	62.8	61.8	56.9	44.0	33.3	24.6	43.1										
	S.D.	12.605	10.533	10.380	10.534	8.985	7.095	5.957	6.227	8.742	10.809	11.961	11.479	18.256										
	TOTAL OBS	930	846	930	899	927	900	930	930	900	930	899	927	10948										
ALL HOURS	MEAN	16.5	23.6	32.6	43.3	52.8	60.4	62.8	61.9	57.1	44.2	33.4	24.6	43.0										
	S.D.	12.760	11.084	10.789	11.012	9.499	7.520	6.024	6.235	8.962	11.040	12.263	11.428	18.460										
	TOTAL OBS	7436	6766	7440	7198	7427	7200	7431	7440	7197	7440	7189	7434	87598										

RELATIVE HUMIDITY

0720
STATION

CONNELL AFB KS
STATION NAME

77,73-81

PERIOD

JAN
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	0-0	100.0	100.0	100.0	98.9	94.7	83.5	62.6	37.4	9.8	74.3	930
	3-05	100.0	100.0	100.0	99.0	96.0	87.2	68.8	37.7	11.2	75.0	931
	6-08	100.0	100.0	100.0	99.8	96.0	86.4	71.4	41.0	12.2	76.3	937
	9-11	100.0	100.0	99.9	96.7	89.6	74.1	52.6	27.3	8.3	71.4	927
	12-14	100.0	99.7	95.7	84.9	69.2	50.3	29.7	14.5	5.1	61.1	929
	3-17	100.0	99.1	92.7	80.5	64.4	45.9	27.4	12.6	4.2	58.3	930
	6-2	100.0	100.0	98.5	93.0	79.9	64.5	44.6	21.1	7.0	64.5	930
	9-23	100.0	100.0	99.6	97.5	90.6	77.6	55.9	32.4	7.3	71.7	931
TOTALS		100.0	99.9	98.3	93.8	85.1	71.4	51.6	28.0	8.1	69.2	7436

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

LEGAL CLIMATOLOGY BRANCH
METAC
AIR LEATHER SERVICE/MAC

RELATIVE HUMIDITY

02 23
STATION

MC CONNELL AFB KS

STATION NAME

72,73-81

PERIOD

FEB
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
FEB	0-02	100.0	99.6	98.8	95.4	87.4	75.5	57.8	34.4	12.1	71.6	846
	03-05	100.0	100.0	99.2	97.2	92.0	83.0	64.7	33.9	14.7	74.4	846
	06-08	100.0	100.0	99.6	99.1	94.9	86.3	66.5	44.3	15.4	76.1	846
	09-11	100.0	99.6	98.3	93.0	80.8	63.0	45.0	27.5	9.5	67.6	846
	12-14	100.0	97.5	89.1	74.9	57.9	42.8	28.4	17.0	5.1	56.7	846
	15-17	100.0	94.6	83.0	66.3	54.7	42.0	25.9	13.7	4.3	54.1	846
MARCH	18-2	100.0	98.3	91.8	80.7	66.9	54.7	38.9	19.8	6.5	61.4	846
	21-23	100.0	99.1	97.3	91.5	81.9	67.4	50.0	28.3	10.8	68.2	846
TOTALS		100.0	98.6	94.6	87.3	77.1	64.3	47.2	28.0	9.8	66.3	6766

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03923 MCCONNELL AFB KS

70,73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	99.9	99.4	95.8	87.7	74.3	53.4	26.7	6.8	70.4	930
	03-05	100.0	100.0	99.6	98.3	92.8	82.8	59.4	34.7	10.8	73.8	930
	06-08	100.0	100.0	100.0	99.2	94.6	83.5	63.7	38.2	13.8	75.0	930
	09-11	100.0	100.0	97.4	90.0	75.5	55.3	39.5	21.4	8.3	64.6	930
	12-14	100.0	97.8	87.4	71.0	51.7	37.1	23.3	13.3	5.5	54.5	930
	15-17	100.0	95.2	82.0	62.4	47.3	30.5	20.1	12.6	3.7	51.0	930
	18-20	100.0	98.8	90.6	77.8	61.4	41.7	27.1	14.2	4.6	57.3	930
	21-23	100.0	100.0	98.6	91.0	80.8	62.3	39.8	19.6	6.8	65.5	930
TOTALS		100.0	99.0	94.4	85.7	74.0	58.4	40.8	22.6	7.8	64.0	7440

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03923
STATION

MCCONNELL AFB KS
STATION NAME

70,73-81

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.8	97.1	88.1	73.6	50.7	27.4	7.5	70.2	899
	03-05	100.0	100.0	100.0	99.1	95.1	82.8	61.2	34.2	10.7	74.3	900
	06-08	100.0	100.0	100.0	99.4	95.3	81.4	57.6	34.1	10.0	73.7	900
	09-11	100.0	100.0	98.0	86.6	69.0	48.7	30.3	15.8	3.4	60.9	900
	12-14	100.0	98.4	88.1	67.7	46.8	30.9	19.3	8.2	1.3	51.9	900
	15-17	100.0	97.3	81.9	59.9	41.1	26.3	16.6	6.7	1.3	49.0	900
	18-20	100.0	99.7	92.2	75.4	56.1	39.3	23.4	10.8	2.3	55.5	900
	21-23	100.0	100.0	99.2	93.5	79.5	61.8	39.0	19.6	4.2	65.4	899
TOTALS		100.0	99.4	94.9	84.8	71.4	55.6	37.3	19.6	5.1	62.6	7198

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

MAY

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°.	20°.	30°.	40°.	50°.	60°.	70°.	80°.	90°.		
MAY	00-02	100.0	100.0	100.0	99.5	97.7	88.4	66.7	36.3	8.3	75.4	929
	03-05	100.0	100.0	100.0	100.0	99.2	95.0	75.8	46.8	12.9	78.9	927
	06-08	100.0	100.0	100.0	99.8	97.6	88.3	68.6	38.9	9.7	76.2	926
	09-11	100.0	100.0	98.7	90.7	76.4	56.0	32.6	13.6	2.4	62.6	929
	12-14	100.0	99.9	93.8	79.0	58.6	32.9	15.3	5.4	1.0	54.3	930
	15-17	100.0	100.0	91.1	72.9	51.3	29.6	14.7	6.1	.8	52.2	930
	18-20	100.0	100.0	96.8	85.5	68.1	47.0	24.4	11.6	1.8	58.9	927
	21-23	100.0	100.0	100.0	98.6	92.9	75.4	50.3	21.9	4.4	70.1	927
TOTALS		100.0	100.0	97.6	90.8	80.2	64.1	43.6	22.5	5.2	66.1	7427

03923 MCCONNELL AFB KS

69-70, 73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10°.	20°.	30°.	40°.	50°.	60°.	70°.	80°.	90°.		
JUN	00-02	100.0	100.0	99.9	99.6	96.9	84.8	62.2	31.7	4.3	73.7	900
	03-05	100.0	100.0	100.0	99.7	99.2	94.2	76.0	45.1	7.8	78.0	900
	06-08	100.0	100.0	99.9	99.6	97.9	87.7	65.0	34.2	4.6	74.7	900
	09-11	100.0	99.6	97.4	90.4	70.4	43.4	25.3	9.4	1.2	59.4	900
	12-14	100.0	98.3	92.2	68.8	43.0	22.9	11.9	4.6	.2	49.8	900
	15-17	100.0	97.2	87.9	60.4	37.1	17.3	9.3	2.1	.3	46.6	900
	18-20	100.0	98.4	94.1	79.4	55.4	31.6	14.3	4.7	.2	53.4	900
	21-23	100.0	100.0	99.4	97.3	88.6	65.2	39.1	14.3	1.7	66.3	900
TOTALS		100.0	99.2	96.4	86.9	73.6	55.9	37.9	18.3	2.5	62.7	7200

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

03923 MCCONNELL AFB KS
STATION STA

69-70, 73-80

JUL
MONIN

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.4	96.7	83.2	60.5	33.7	12.4	.9	64.3	926
	03-05	100.0	100.0	99.9	98.9	91.7	76.5	50.6	21.8	1.5	69.7	927
	06-08	100.0	100.0	100.0	98.7	91.9	72.1	45.3	19.9	1.6	68.3	928
	09-11	100.0	99.6	94.5	78.5	51.3	26.	11.6	3.7	.2	52.2	929
	12-14	100.0	96.7	78.3	44.9	22.0	10.0	3.8	1.0		41.3	930
	15-17	99.8	94.9	66.7	35.2	17.8	8.6	3.2	1.4		38.4	930
	18-20	100.0	98.3	84.0	56.8	30.9	15.0	6.5	2.0		44.8	929
	21-23	100.0	99.7	98.4	88.5	65.3	36.9	18.8	6.1	.5	57.0	930
TOTALS		100.0	98.7	90.2	74.8	56.8	38.2	21.7	8.5	.6	54.5	7431

USAFETAC FORM 0-87-5 (OL A)
JUL 64

13923	MCCONNELL AFB KS
STATION	STAT

69-70, 73-80

AUG
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.7	97.3	82.7	59.4	36.7	20.0	5.4	65.7	930
	03-05	100.0	100.0	99.4	98.6	91.9	75.4	51.2	30.9	7.2	71.0	930
	06-08	100.0	100.0	99.4	98.4	92.9	74.8	51.1	29.1	5.5	70.6	930
	09-11	100.0	99.8	96.3	83.5	58.7	35.2	20.1	9.1	1.7	55.9	930
	12-14	100.0	98.3	80.4	52.0	30.4	18.0	8.1	4.3	.8	44.8	930
	15-17	100.0	96.5	71.5	42.4	26.1	11.4	6.1	2.3	.3	41.3	930
	18-20	100.0	99.0	86.5	61.5	38.5	25.3	14.0	4.9	.6	48.6	930
	21-23	100.0	100.0	98.9	88.0	66.1	43.1	28.1	13.9	2.0	59.5	930
TOTALS		100.0	99.2	91.5	77.7	60.9	42.8	26.9	14.3	2.9	57.2	7440

00923 MCCONNELL AFB KS
STATION STATION

69-70, 73-80

SEP
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.6	94.3	81.9	60.2	36.2	12.4	74.4	900
	03-05	100.0	100.0	100.0	100.0	98.0	90.1	74.1	47.1	16.7	75.6	900
	06-08	100.0	100.0	100.0	100.0	98.8	91.7	74.3	47.4	16.2	78.8	900
	09-11	100.0	100.0	99.4	93.7	76.2	55.0	36.5	20.8	7.8	64.5	898
	12-14	100.0	100.0	88.8	68.1	48.4	31.2	17.6	10.0	4.0	52.6	900
	15-17	100.0	99.6	83.6	59.1	41.5	26.6	15.2	8.9	2.7	49.3	899
	18-20	100.0	100.0	96.8	81.3	62.1	44.8	27.6	14.1	3.4	58.3	900
	21-23	100.0	100.0	99.8	97.1	84.6	67.8	47.7	26.6	8.7	68.9	900
TOTALS		100.0	100.0	96.1	87.4	75.5	61.1	44.2	26.4	9.0	65.7	719

AD-A113 155 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MCCONNELL AFB, WICHITA, KANSAS. REVISED UNIFORM SUMMARY OF SUR--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/002

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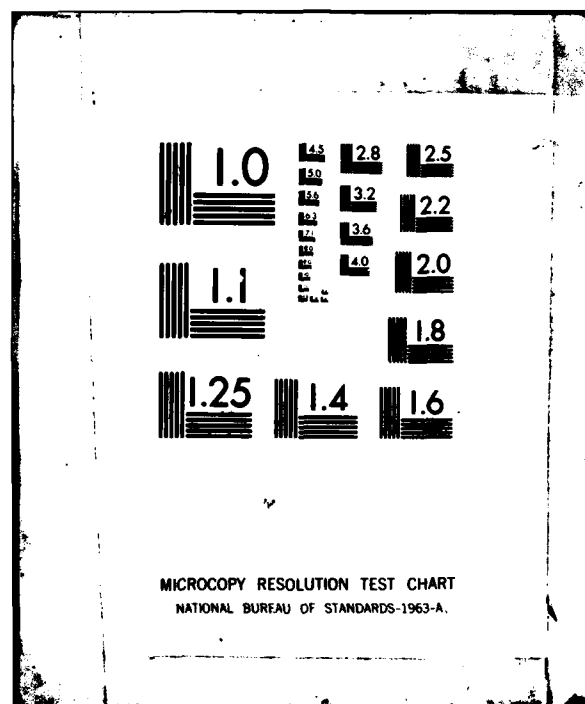
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END
DATE
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5-72
DTIC



RELATIVE HUMIDITY

OCT
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.9	95.7	87.4	70.8	53.9	30.0	10.5	70.6	930
	03-05	100.0	100.0	100.0	98.5	92.0	79.7	62.7	37.0	13.3	74.3	930
	06-08	100.0	100.0	99.9	98.5	93.5	83.1	64.2	38.5	14.6	75.1	930
	09-11	100.0	99.9	95.9	83.3	65.1	47.1	30.2	16.1	5.1	60.1	930
	12-14	100.0	97.1	80.4	58.3	40.8	26.9	14.9	7.6	1.8	48.4	930
	15-17	100.0	94.6	72.2	53.7	38.4	25.8	14.2	7.8	2.2	46.6	930
	18-20	100.0	98.9	92.5	76.2	57.8	42.4	26.8	14.2	4.8	57.1	930
	21-23	100.0	100.0	98.1	92.3	77.1	59.0	41.2	21.2	7.8	65.5	930
TOTALS		100.0	98.8	92.4	82.1	69.0	54.4	38.5	21.6	7.5	62.2	7440

RELATIVE HUMIDITY

NOV

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	97.8	93.0	78.8	62.0	38.5	15.4	74.1	897
	03-05	100.0	100.0	99.9	98.7	94.9	85.8	69.2	46.3	19.8	76.9	897
	06-08	100.0	100.0	100.0	99.3	96.4	87.1	74.4	50.9	21.3	78.6	897
	09-11	100.0	100.0	99.2	93.0	79.8	62.7	44.3	27.6	11.2	67.4	899
	12-14	100.0	99.2	91.3	75.0	54.3	35.2	23.3	14.7	6.9	55.7	900
	15-17	100.0	99.3	88.6	70.8	50.9	34.7	21.9	13.9	5.2	54.3	900
	18-20	100.0	100.0	99.1	89.1	74.9	57.0	35.1	20.4	6.8	64.0	900
	21-23	100.0	100.0	99.9	95.9	86.0	71.0	51.2	29.4	11.2	70.2	899
TOTALS		100.0	99.8	97.3	90.0	78.8	63.7	47.7	30.2	12.2	67.7	7189

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

D3923
STATION

MCCONNELL AFB KS
STATION NAME

69-70,73-80

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.8	98.2	92.5	80.2	58.8	36.8	13.3	73.7	930
	03-05	100.0	100.0	100.0	99.5	95.2	84.7	65.2	43.3	16.0	76.0	930
	06-08	100.0	100.0	99.7	99.6	97.0	87.3	70.1	45.5	18.4	77.4	930
	09-11	100.0	99.9	98.9	95.9	84.5	66.9	46.7	28.2	10.4	68.7	930
	12-14	100.0	98.4	92.6	76.7	55.1	38.2	23.3	14.0	6.0	56.0	930
	15-17	100.0	98.1	89.5	71.3	54.5	35.9	22.2	12.8	5.4	54.4	930
	18-20	100.0	99.7	97.5	91.2	75.9	58.4	40.8	23.1	7.8	65.0	927
	21-23	100.0	100.0	99.2	96.7	86.6	72.2	51.7	31.5	12.5	70.6	927
TOTALS		100.0	99.5	97.2	91.1	80.2	65.5	47.4	29.4	11.2	67.7	7434

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03923 MCCONNELL AFB KS
STATION STATION NAME

69-70,73-81
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.3	93.8	85.1	71.4	51.6	28.0	8.1	69.2	7436
FEB		100.0	98.6	94.6	87.3	77.1	64.3	47.2	28.0	9.8	66.3	6766
MAR		100.0	99.0	94.4	85.7	74.0	58.4	40.8	22.6	7.8	64.0	7440
APR		100.0	99.4	94.9	84.8	71.4	55.6	37.3	19.6	5.1	62.6	7198
MAY		100.0	100.0	97.6	90.8	80.2	64.1	43.6	22.5	5.2	66.1	7427
JUN		100.0	99.2	96.4	86.9	73.6	55.9	37.9	18.3	2.5	62.7	7200
JUL		100.0	98.7	90.2	74.8	56.8	38.2	21.7	8.5	.6	54.5	7431
AUG		100.0	99.2	91.5	77.7	60.9	42.8	26.9	14.3	2.9	57.2	7440
SEP		100.0	100.0	96.1	87.4	75.5	61.1	44.2	26.4	9.0	65.7	7197
OCT		100.0	98.8	92.4	82.1	69.0	54.4	38.5	21.6	7.5	62.2	7440
NOV		100.0	99.8	97.3	90.0	78.8	63.7	47.7	30.2	12.2	67.7	7189
DEC		100.0	99.5	97.2	91.1	80.2	65.5	47.4	29.4	11.2	67.7	7434
TOTALS		100.0	99.3	95.1	86.0	73.6	58.0	40.4	22.5	6.8	63.8	87598

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

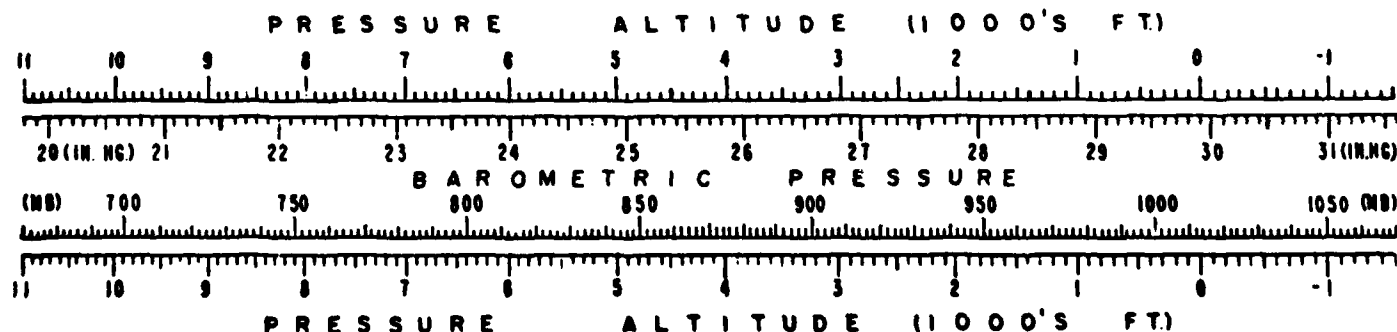
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

0 923 MCCONNELL AFB KS

69-70,73-81

STATION		STATION NAME											YEARS											
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL										
0	MEAN	28.648	28.608	28.479	28.476	28.454	28.479	28.528	28.529	28.556	28.574	28.603	28.594	28.544										
	S.D.	.238	.239	.227	.194	.166	.147	.086	.099	.146	.192	.215	.227	.197										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
2	MEAN	28.646	28.599	28.469	28.463	28.445	28.473	28.521	28.525	28.550	28.570	28.596	28.584	28.537										
	S.D.	.239	.243	.228	.201	.169	.148	.085	.100	.150	.196	.218	.232	.200										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
4	MEAN	28.641	28.600	28.474	28.477	28.461	28.491	28.540	28.541	28.565	28.582	28.598	28.579	28.546										
	S.D.	.239	.243	.233	.203	.172	.152	.086	.102	.151	.200	.221	.235	.201										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
6	MEAN	28.670	28.631	28.500	28.503	28.482	28.506	28.558	28.556	28.588	28.608	28.628	28.607	28.569										
	S.D.	.244	.241	.237	.205	.174	.153	.088	.104	.154	.204	.223	.238	.204										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
12	MEAN	28.667	28.631	28.493	28.495	28.473	28.493	28.542	28.542	28.575	28.592	28.614	28.601	28.559										
	S.D.	.247	.239	.238	.200	.173	.150	.087	.104	.153	.204	.221	.237	.203										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
15	MEAN	28.612	28.577	28.443	28.453	28.438	28.455	28.502	28.496	28.527	28.543	28.568	28.556	28.514										
	S.D.	.243	.231	.234	.193	.169	.150	.087	.103	.152	.200	.217	.230	.198										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
18	MEAN	28.622	28.582	28.439	28.442	28.417	28.430	28.472	28.474	28.516	28.544	28.579	28.575	28.507										
	S.D.	.237	.227	.227	.188	.163	.147	.086	.102	.151	.194	.214	.222	.198										
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	309	3650										
21	MEAN	28.639	28.606	28.468	28.471	28.444	28.460	28.503	28.510	28.549	28.570	28.599	28.595	28.534										
	S.D.	.240	.227	.223	.188	.162	.143	.086	.101	.147	.190	.213	.222	.195										
	TOTAL OBS	310	282	310	300	309	300	310	310	300	309	300	309	3649										
ALL HOURS	MEAN	28.643	28.604	28.471	28.473	28.452	28.473	28.521	28.522	28.553	28.573	28.598	28.586	28.539										
	S.D.	.241	.236	.231	.197	.169	.150	.090	.105	.152	.198	.218	.231	.201										
	TOTAL OBS	2480	2256	2480	2400	2478	2400	2480	2480	2400	2479	2400	2478	29211										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

7523 MCCONNELL AFB KS

69-70,73-81

STATION		STATION NAME											YEARS											
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL										
0	MEAN	1021.61	019.7	014.4	013.7	012.4	012.8	014.1	014.3	015.7	016.9	018.8	019.1	1016.1										
	S.D.	9.023	8.937	8.472	7.120	6.114	5.381	3.215	3.663	5.468	7.225	8.093	8.466	7.584										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651										
3	MEAN	1021.51	019.4	014.0	013.2	012.1	012.5	013.9	014.1	015.5	016.8	018.5	018.7	1015.8										
	S.D.	9.083	9.086	8.554	7.395	6.217	5.419	3.182	3.724	5.575	7.322	8.164	8.676	7.694										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
6	MEAN	1021.41	019.4	014.3	013.7	012.7	013.2	014.6	014.8	016.1	017.4	018.8	018.7	1016.3										
	S.D.	9.068	9.130	8.731	7.495	6.327	5.544	3.191	3.756	5.593	7.434	8.246	8.748	7.678										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
9	MEAN	1022.51	020.7	015.3	014.7	013.5	013.8	015.3	015.3	017.0	018.3	019.9	019.7	1017.1										
	S.D.	9.255	9.051	8.883	7.520	6.334	5.599	3.223	3.836	5.704	7.573	8.308	8.862	7.807										
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652										
12	MEAN	1022.21	020.5	014.9	014.2	013.0	013.2	014.7	014.8	016.4	017.6	019.3	019.3	1016.7										
	S.D.	9.355	8.951	8.925	7.331	6.311	5.495	3.247	3.837	5.678	7.580	8.214	8.793	7.795										
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651										
15	MEAN	1020.31	018.5	013.1	012.8	011.8	011.9	013.2	013.1	014.7	015.8	017.6	017.7	1015.0										
	S.D.	9.254	8.705	8.733	7.082	6.179	5.493	3.254	3.834	5.681	7.453	8.036	8.537	7.597										
	TOTAL OBS	310	282	309	300	310	300	310	310	300	310	300	309	3650										
18	MEAN	1020.71	018.8	013.0	012.4	011.2	011.0	012.2	012.4	014.4	016.1	018.1	018.5	1014.9										
	S.D.	9.020	8.528	8.428	6.981	5.964	5.416	3.217	3.811	5.632	7.207	7.971	8.260	7.644										
	TOTAL OBS	310	282	310	300	309	300	310	310	299	310	300	309	3649										
21	MEAN	1021.41	019.7	014.1	013.6	012.1	012.1	013.3	013.7	015.5	017.0	018.8	019.3	1015.9										
	S.D.	9.128	8.532	8.337	6.912	5.936	5.195	3.203	3.724	5.498	7.112	7.985	8.302	7.557										
	TOTAL OBS	310	282	310	299	309	300	310	310	300	309	300	309	3648										
ALL HOURS	MEAN	1021.41	019.6	014.1	013.5	012.3	012.6	013.9	014.1	015.7	017.0	018.7	018.9	1016.0										
	S.D.	9.161	8.883	8.653	7.255	6.203	5.497	3.339	3.874	5.652	7.394	8.143	8.592	7.702										
	TOTAL OBS	2479	2256	2479	2399	2478	2400	2480	2480	2399	2479	2399	2477	29205										

